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| SUBZERO TEMPERATURE 18 PP<br>ACSI K 6416                                                                                                                                                                                                                                                     | # |              |
| SUBILOVA, A. V.<br>//IZVESTIYA VSESOUZNOVO NAUCHNO-ISSLEDOVATEL' SKOGO//<br>00/00/1975,V0109,N----, PP 0116-0121<br>STANDARDISATION OF SEISMIC LOADS<br>C.E. TRANS. 7202                                                                                                                     | # | 000000091803 |
| TOMIRDIARO, S. V.<br>//IZVESTIYA VSESOUZNYI GEOGRAFICHESKOYE OBSHCHE TVO//<br>00/00/1975,V0107,N0002, PP 0124-0132<br>CRYOGENIC EVOLUTION OF THE PLAINS OF NORTHWEST<br>ASIA IN THE LATE GLACIAL PERIOD AND HOLOCENE<br>NTC 79-11175-08F                                                     | # | 000000189784 |
| STEFANOVICH, G. V.<br>//IZVESTIYA VSESOUZNYI NAUCH-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1976,V0112,N----, PP 0109-0117<br>EFFECT OF A CHANNEL SLOPE ON EXPANSION IN<br>PLAN OF A TRANQUIL FLOW<br>NTC 80-14342-20D                                                             | # | 000000257161 |
| LOPUKHINA, A. M.<br>//IZVESTIYA VSESOUZNYI NAUCHNO ISSLEDOVATELSKII INSTITUT OZERNOGO I RECHNOGO RYBNOGO KHOZYAISTVA//<br>00/00/1972,V0080,N----, PP 0005-0024<br>ECOLOGICAL ANALYSIS OF THE PARASITE FAUNA OF<br>ADULT COMMERCIAL FISH IN LAKE VERKHNEE VREVO<br>NTC 11580-06C              | # | 000000001689 |
| SINOTIN, V. N.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATEL SKII INSTITUT GIDROTEKHNIKI//<br>00/00/1975,V0109,N----, PP 0277-0289<br>INVESTIGATION OF THE ICE JAMMING PROCESS AT THE<br>LIMIT OF RESERVOIR BACKWATER CURVES<br>NTC 77-12550-13B                                            | # | 000000107650 |
| YERMO LAEVA, A. N.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKI INSTITUT GIDROTEKHNIKI//<br>00/00/1975,V0109,N----, PP 0023-0031<br>INVESTIGATIONS ON THE DENSITY AND MOISTURE<br>CONTENT OF COHESIVE SOILS IN IMPERVIOUS<br>ELEMENTS OF EARTH HYDRAULIC STRUCTURES<br>NTC 78-12913-13M | # | 000000250879 |
| ARTIUKHINA, T. S.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII GIDROTEKHNIKI//<br>00/00/1970,V0094,N----, PP 0110-0117<br>EXPERIMENTAL STUDIES OF REGULARITIES OF THE<br>MOTION OF JETS DEFLECTED BY CYLINDRICAL AND<br>CURVED EXPANDING SKI-JUMP SPILLWAYS<br>NTC 77-14245-13M        | # | 000000120053 |
| REL'TOV, B. F.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V----,N0106, PP 0287-0296<br>COMPACTION OF COHESIVE LOESS-LOAM SOILS WETTED<br>WITH SALT SOLUTIONS<br>CRREL BIB. NO. 31-518 P. O. NO. 77-T-31                                       | # | 000000218525 |
| LEVINA, S. M.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI Leningrad//<br>00/00/1974,V0106,N----, PP 0034-0050<br>EFFECT OF ELASTIC COMPLIANCE OF THE BOUNDARY                                                                                                  | # | 000000109257 |

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| ON THE PRESSURE-PULSATION SPECTRUM OF A TURBULENT FLOW<br>NTC 77-12549-200                                                                                                                                                                                                                                         | # | 000000107635 |
| DAVIDENKO, V. M.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI Leningrad//<br>00/00/1974,V0106,N----, PP 0327-0335<br>EXPERIMENTAL AND THEORETICAL SUBSTANTIATION OF THE<br>FEASIBILITY OF SLOPE PROTECTION REPAIR BY POURING<br>ASPHALT UNDER WATER<br>NTC 77-12548-13M               | # | 000000107636 |
| BORISOV, A. A.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI Leningrad//<br>00/00/1974,V0106,N----, PP 0336-0338<br>USE OF HIGH-STRENGTH CEMENTS IN HYDRAULIC-<br>ENGINEERING CONSTRUCTION (AS IN THE MANSUR EDDAKHB<br>ARCH DAM IN MOROCCO<br>NTC 77-125551-13M                       | # | 000000139335 |
| LAPUK, I. A.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI Leningrad//<br>00/00/1975,V0107,N----, PP 0216-0222<br>NATURE OF THE ACOUSTIC PROCESSES THAT ACCOMPANY<br>CRACK FORMATION IN CONCRETE MATERIALS<br>NTC 78-11048-20K                                                         | # | 000000158663 |
| SAMSONOVA, T. I.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/0/1976,V0113,N----, PP 0113-0120<br>THE INFLUENCE OF FILLERS ON PHYSICO-MECHANICAL<br>PROPERTIES OF MODEL MATERIALS<br>NTC 78-13816-11I                                                                         | # | 000000169654 |
| LAZETNIK, G. B.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1970,V----,N0093, PP 0200-0208<br>EXPERIMENTAL STUDIES ON THE "ORIENTATION EFFECT"<br>AND DEVELOPMENT OF NEW DYNAMOMETER DESIGNS<br>FOR MEASURING PRESSURE IN A SOIL MASS 22 PP<br>NTC,NTIS,BLL AS AD-754 608 | # | 000000180577 |
| VEKSLER, A. B.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1971,V----,N0096, PP 0031<br>TO QUESTION CONCERNING HYDRAULIC COARSENESS AND<br>THE COEFFICIENT OF THE RESISTANCE OF BUILD UPS<br>ETC-74-25819                                                                 | # | 000000218524 |
| LOGUNOVA, V. A.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1973,V0103,N----, PP 0229-0234<br>ENGLISH TITLE UNKNOWN<br>U.S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION                                                                                                    | # | 000000218523 |
| VORONKOV, O. K.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V----,N0106, PP 0249-0263<br>ON THE DETERMINATION OF THE ELASTIC PROPERTIES OF<br>IN-SITU ROCK IN PERMAFROST REGIONS<br>CIREL IBB. NO. 31-517 P.O. NO. 77-T-30                                           | # | 000000241726 |
| BORISOV, A. A.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//                                                                                                                                                                                                                         |   |              |

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ARTUKHINA, T. S.  
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JET REJECTED BY A CYLINDRICAL DEFLECTION BUCKET  
NTC 77-13937-200

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IVOILOV, A. A.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
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ONSET AND CAVITATION EROSION IN SPILLWAYS OF  
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MANYILOV, V. L.  
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METHOD  
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000000141083

PAVLOV, R. A.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
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METAL STRUCTURES IN HYDROELECTRIC POWERPLANTS  
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MORGILEVSKAYA, S. E.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
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STRUCTURES  
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LOFITSKIY, V. N.  
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CONSOLIDOMETER WALLS UNDER HIGH LOADS  
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KOGAN, L. E.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
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FOR THE FORMATION OF CRACKS  
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GOLDIN, A. L.  
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TWO-DIMENSIONAL AREA  
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| GOLDIN, A. L.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0104,N----, PP 0191-0195<br>EARTH DAM STRESS AND DISPLACEMENT CALCULATIONS<br>ALLOWING FOR THE NONLINEAR RELATIONSHIP BETWEEN<br>STRESS AND STRAIN IN THE SOIL<br>NTC 78-13808-08M                   | 000000158649 |
| VINOGRADOV, O. G.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0104,N----, PP 0230-0237<br>EVALUATION OF THE PHENOMENON OF SLIPPAGE DURING<br>SIMULTANEOUS VIBRATIONS OF THE FOUNDATION AND<br>TURBOGENERATOR<br>NTC 78-12096-13G                               | 000000141082 |
| BALYASOV, V. N.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0104,N----, PP 0250-0259<br>LOW-MODULES MATERIAL FOR MODELING DYNAMIC BEHAVIOR<br>OF STRUCTURES<br>NTC 79-14231-13M                                                                                | 000000217436 |
| PANOV, S. I.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0105,N----, PP 0055-0063<br>DETERMINATION OF INHERENT STRESSES AND ELASTIC<br>REACTION OF ROCKS BY INDIRECT METHODS<br>NTC 78-13325-08M                                                               | 000000222012 |
| MOGILEVSKAYA, S. E.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0105,N----, PP 0089-0101<br>DEVELOPMENT OF AN ULTRASONIC METHOD OF DETERMINING<br>THE COMPRESSIVE STRENGTH OF ROCK SAMPLES<br>NTC 78-13809-08M                                                 | 000000158650 |
| ALBERT, I. U.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0105,N----, PP 0138-0146<br>ON RHEOLOGICAL MODELS OF VIBRATED CONCRETE MIXES<br>NTC 78-13320-13C                                                                                                     | 000000222085 |
| GORELIK, L. V.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0105,N----, PP 0218-0222<br>IN-SITU LARGE-DISPLACEMENT GAGE<br>NTC 78-13811-14B                                                                                                                     | 000000158202 |
| YUDITSKIY, G. A.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0105,N----, PP 0247-0259<br>LABORATORY AND FIELD INVESTIGATIONS OF HYDRO<br>DYNAMIC PRESSURE OF A FLOW ON THE RIVER CHANNEL<br>BOTTOM BELOW A SPILLWAY DAM WITH A FLIP BUCKET<br>NTC 78-13812-13B | 000000158676 |
| SAFRONCHIK, V. L.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0105,N----, PP 0306-0315<br>ANTICORROSION PROTECTION OF STEEL SHEET PILING<br>BY PAINT COATINGS<br>NTC 78-13324-11C                                                                              | 000000222031 |

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| ABELEV, A. S.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0106,N----, PP 0051-0059<br>HYDRODYNAMIC MODELING OF DAMPED OSCILLATIONS<br>OF A SUBMERGED FLAT GATE<br>NTC 77-13938-200 #                                            | 000000120144 |
| SAVINOV, O. A.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0106,N----, PP 0119-0125<br>CERTAIN PECULIARITIES OF THE MECHANICAL INTER<br>ACTION OF A STRUCTURE AND ITS FOUNDATION DURING<br>EARTHQUAKES<br>NTC 77-13939-13M #    | 000000120048 |
| GORELIK, L. V.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1974,V0106,N----, PP 0164-0170<br>SCHEMATIC REPRESENTATION OF THE STRESS-STRAIN<br>STATE OF EARTH DAMS<br>NTC 77-13940-13M #                                               | 000000120049 |
| PANOV, S. I.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1975,V----,NO109, PP 0075-0079<br>METHOD FOR DETERMINING THE DEFORMABILITY OF<br>PERMAFROST FOUNDATIONS BEFORE AND AFTER THAWING<br>CRREL BIB. NO. 31-760 P.O. NO. 77-T-32 # | 000000218526 |
| YEMTSEV, B. T.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1975,V0106,N----, PP 0231-0238<br>THE COMPUTATION OF SPATIAL HIGH VELOCITY STREAMS<br>IN TRANSITIONAL PORTIONS OF SPILLWAYS<br>NTC 79-14226-200 #                          | 000000217477 |
| KONSTANTINOV, I. A.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1975,V0107,N----, PP 0054-0066<br>NUMERICAL SOLUTION OF THE HYDROELASTICITY PROBLEM<br>RESULTING FROM SEISMIC EFFECTS ON A DAM<br>NTC 78-13813-08M #                  | 000000158638 |
| MONAKHENKO, D. V.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1975,V0107,N----, PP 0067-0071<br>METHOD FOR COMPARING DATA ON THE SEISMIC STABILITY<br>OF HYDRAULIC-ENGINEERING STRUCTURES<br>NTC 79-14232-08K #                       | 000000225303 |
| MONAKHENKO, D. V.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1975,V0107,N----, PP 0072-0077<br>PROBLEMS OF MODELING HYDRAULIC STRUCTURES<br>SUBJECTED TO SEISMIC LOADS<br>NTC 78-13814-13M #                                         | 000000158213 |
| KUDYAROV, L. I.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br>00/00/1975,V0107,N----, PP 0091-0096<br>AUTOMATIC METHODS OF PLANNING THE EXECUTION AND<br>ORGANIZATION OF HYDRAULIC ENGINEERING WORK<br>NTC 78-12668-13M #                     | 000000146955 |

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| SOLOKOV, I. B.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1975,V0107,N----, PP 0097-0111<br>THE DETERMINATION OF THE DESIGN STRENGTH OF<br>CONCRETE IN THE SAIANOSHUSHENSK HYDRO-ELECTRIC<br>DAM CONSIDERING ITS THREE-DIMENSIONAL COMPRESSIVE<br>STRESS STATE AND THE COUNTERPRESSURE OF WATER<br>NTC 78-13817-13C | 000000158685 |
| YERMOLOVA, A. N.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1975,V0107,N----, PP 0159-0168<br>DEFORMATION OF COHESIVE SOILS WHEN SATURATED<br>WITH WATER<br>NTC 78-11046-08M                                                                                                                                        | 000000139347 |
| MIKHALEV, M. A.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1975,V0107,N----, PP 0223-0230<br>HYDRAULIC JUMP IN INCLINED CHANNELS<br>NTC 79-14233-13G                                                                                                                                                                | 000000217421 |
| LYSENKO, V. P.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1975,V0108,N----, PP 0087-0092<br>ON THE WATER-IMPERMEABILITY OF POLYMER FILM<br>MEMBRANES AND DIAPHRAGMS<br>NTC 79-14227-200                                                                                                                             | 000000217451 |
| SUBILOVA, A. V.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1975,V0109,N----, PP 0116-0121<br>STANDARDISATION OF SEISMIC LOADS<br>NTC 79-10374-08K                                                                                                                                                                   | 000000218968 |
| CHEKASOV, L. M.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1975,V0109,N----, PP 0156-0163<br>RESULTS OF EXPERIMENTAL STUDIES OF PNEUMATIC<br>TIRE VIBRATING ROLLERS<br>NTC 78-13323-13C                                                                                                                             | 000000222086 |
| ARKHIPOV, A. M.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1975,V0109,N----, PP 0213-0220<br>THE DESIGN OF SCROLL CASES OF RADIAL-AXIAL<br>TURBINES<br>NTC 78-13322-13G                                                                                                                                             | 000000222088 |
| ARKHIPOV, A. M.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1975,V0109,N----, PP 0221-0229<br>DESIGN OF TURBINE BLOCK ELEMENTS<br>NTC 78-13810-13M                                                                                                                                                                   | 000000158212 |
| PAK, A. P.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1975,V0109,N----, PP 0230-0238<br>STUDY OF THE STRENGTH OF CONCRETE HYDRAULIC<br>STRUCTURES UNDER THREE-DIMENSIONAL STRESS<br>NTC 78-12133-13M                                                                                                                | 000000141108 |
| SHVAINSHTAIN, A. M.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//                                                                                                                                                                                                                                                               | 000000222092 |

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| 00/00/1975,V0109,N----, PP 0257-0265<br>EXPERIMENTAL STUDIES OF WALL PRESSURE PULSATIONS<br>IN THE HYDRAULIC JUMP ZONE<br>NTC 78-13321-13M                                                                                                                                                                     |  |              |
| GORDEYEVA, S. P.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1976,V----,N0112, PP 0038-0042<br>SOLUTION OF A TWO-DIMENSIONAL PROBLEM OF<br>HYDROELASTICITY WITH PROVISION FOR SURFACE WAVES<br>NTC 80-12505-13M                                                        |  | 000000246434 |
| SOKOLOV, I. B.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1976,V0110,N----, PP 0003-0009<br>LARGE-SCALE TESTS OF CONCRETE STRENGTH FOR THE<br>SAYANO-SHUSHENSKAYA AND INGURI DAMS<br>NTC 78-12095-13M                                                                 |  | 000000141105 |
| ANTONOV, S. S.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1976,V0110,N----, PP 0029-0032<br>INVESTIGATION INTO THE STRESS STATE OF THE<br>INGURI ARCH DAM IN BRITTLE MODELS UNDER STATIC<br>SEISMIC EFFECTS<br>NTC 78-12097-13M                                       |  | 000000141106 |
| SKLADNEV, M. F.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1976,V0113,N----, PP 0003-0010<br>INVESTIGATION OF EPOXY POLYMER SOLUTIONS, SEALANTS<br>AND ADHESIVES USED IN HYDRO-ELECTRIC ENGINEERING<br>IN THE COMECON COUNTRIES AND IN YUGOSLAVIA<br>NTC 78-13815-11A |  | 000000158637 |
| RAKHMANOV, A. N.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>000/00/1974,V0105,N----, PP 0223-0246<br>SCOURING CAPACITY OF THE FLOW BELOW A STILLING<br>BASIS<br>NTC 78-13818-200                                                                                            |  | 000000158199 |
| KOKURICHEVA, M. P.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT OZERNOGO I RECHNOGO RYBNOGO KHOZ//<br>00/00/1969,V0069,N----, PP 0047-0061<br>HISTOLOGY OF NORMAL AND DISEASED SWIMBLADER IN<br>CARP<br>NTC 74-12708-06C                                                                        |  | 000000029240 |
| OSTROUMOVA, I. N.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT OZERNOGO I RECHNOGO RYBNOGO KHOZYAISTVA//<br>00/00/1957,V0043,N0003, PP 0003-0064<br>BLOOD INDICES AND HEMOPOIESIS IN THE INDIVIDUAL<br>DEVELOPMENT OF FISH 109 PP<br>FRBC 2306                                                  |  | 000000247399 |
| LEVINA, S. M.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKE//<br>00/00/1978,V0123,N----, PP 0012-0019<br>OSCILLATIONS OF PLATE AT THE TURBULENT FLOW<br>BOUNDARY<br>NTC 81-10386-200                                                                                                |  | 000000263211 |
| ZHAROV, N. I.                                                                                                                                                                                                                                                                                                  |  | 000000263210 |

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| <p>//IZVESTIYA VSESOUYUZYNI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKE//<br/> 00/00/1978,V0126,N----, PP 0043-0048<br/> CAVITATION INCEPTION PARAMETERS OF SLOWS NEAR<br/> SURFACE IRREGULARITIES<br/> NTC 81-10385-200</p>                                                                                    | # | 000000260242 |
| <p>RELTOV, B. F.<br/> //IZVESTIYA VSESOUYUZYNI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI Leningrad//<br/> 00/00/1975,V0107,N----, PP 0169-0176<br/> NATURE OF THE MOISTURE-CONTENT DEPENDENCE OF THE<br/> SHEAR STRENGTH AND COMPACTIBILITY OF COHESIVE<br/> SOILS<br/> NTC 80-14339</p>                      | # | 000000260197 |
| <p>GORELIK, L. B.<br/> //IZVESTIYA VSESOUYUZYNI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI Leningrad//<br/> 00/00/1974,V0105,N----, PP 0014-0029<br/> ON THE DETERMINATION OF SPACING BETWEEN<br/> DRAINS FOR PORE PRESSURE REDUCTION IN<br/> EARTH-FILL DAMS AND THEIR FOUNDATIONS<br/> NTC 80-14343-13M</p>  | # | 000000260241 |
| <p>YEVOKOMOV, P. D.<br/> //IZVESTIYA VSESOUYUZYNI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI Leningrad//<br/> 00/00/1975,V0107,N----, PP 0147-0158<br/> BEARING CAPACITY OF A SAND BASE FOUNDATION<br/> BENEATH A VERTICALLY LOADED RIGID PLATE<br/> NTC 80-14338-13M</p>                                      | # | 000000260196 |
| <p>KHAGLYEV, YE. P.<br/> //IZVESTIYA VSESOUYUZYNI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI Leningrad//<br/> 00/00/1975,V0107,N----, PP 0303-0311<br/> APPROXIMATE METHOD FOR CALCULATING THE INJECTION<br/> OF A VISCOPLASTIC LIQUID INTO A GRANULAR POROUS<br/> STRATUM<br/> NTC 80-14344-13M</p>           | # | 000000260195 |
| <p>ANTONOV, S. S.<br/> //IZVESTIYA VSESOUYUZYNI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI Leningrad//<br/> 00/00/1977,V0116,N----, PP 0015-0019<br/> STUDY OF AN EW DESIGN OF AN ARCH DAM<br/> NTC 80-14341-13M</p>                                                                                           | # | 000000260194 |
| <p>VOVKUSHEVSKI, A. V.<br/> //IZVESTIYA VSESOUYUZYNI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI Leningrad//<br/> 00/00/1977,V0116,N----, PP 0060-0065<br/> SIMULATION OF JOINTS IN MASS CONCRETE<br/> CONSTRUCTIONS BY MEANS OF IDEAL HOMOGENEOUS<br/> COUPLING<br/> NTC 80-14340-13M</p>                      | # | 000000292261 |
| <p>GIUNNER, T. V.<br/> //IZVESTIYA VSESOUYUZYNI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI Leningrad//<br/> 00/00/1979,V0128,N----, PP 0058-0062<br/> INFLUENCE OF HARDENING CONDITIONS ON STRENGTH<br/> AND DEFORMATION PROPERTIES OF COLLOIDAL<br/> POLYMER CEMENT MORTAR (KPTSRI)<br/> NTC 81-12179-13C</p> | # | 000000250882 |
| <p>MALYSHEV, L. K.<br/> //IZVESTIYA VSESOUYUZYNI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br/> 00/00/1975,V0109,N----, PP 0097-0102<br/> USE OF THE PHOTOELASTICITY METHOD TO ESTIMATE<br/> STRESSES IN STRUCTURES IMMERSED IN A</p>                                                                       |   |              |



FLUID AND SUBJECTED TO THE HYDRODYNAMIC ACTION OF  
A SEISMIC WAVE  
NTC 78-12917-13M #

000000250873

MOSHKOV, L. V.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
00/00/1974,V0104,N----, PP 0031-0041  
ADDED MASSES OF WATER DUE TO OSCILLATIONS OF  
SLUICE GATES AS A FUNCTION OF GATE SHAFT SIZE  
NTC 78-13177-13G #

000000302550

MULLER, B. N.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
00/00/1974,V0105,N----, PP 0030-0035  
THE DESIGN OF REINFORCED SLOPES  
NTC 81-10511-13M #

000000302539

YERMOLAYEVA, A. N.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
00/00/1974,V0105,N----, PP 0102-0115  
COMPACTIBILITY OF COHESIVE SOILS UNDER CYCLIC AND  
STATIC LOADS  
NTC 81-10512-13M #

000000266654

KASHKAROV, P. N.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
00/00/1974,V0105,N----, PP 0316-0319  
EFFECT OF VARIOUS FACTORS ON DETERMINATION OF  
THE VOLUME WEIGHT OF SOILS  
NTC 81-10513-08M #

000000302549

FURSOV, L. F.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
00/00/1974,V0105,N----, PP 0325-0330  
DEVELOPMENT OF CEMENT-FREE INJECTION GROUTS FOR  
SOIL STABILIZATION  
NTC 81-10510-13M #

000000286608

UNKNOWN  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
00/00/1974,V0105,N----, PP 0064-0072  
PRESSURE OF NONCOHESIVE SOILS AT REST  
NTC 81-10382-08M #

000000250881

TRAPEZNIKOV, L. P.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
00/00/1975,V0107,N----, PP 0010-0013  
FORMULAS FOR DETERMINING THE DISTANCE BETWEEN  
PERMANENT EXPANSION JOINTS IN CONCRETE DAMS  
NTC 78-12916-13M #

000000250884

YEVDOKIMOV, P. D.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
00/00/1975,V0109,N----, PP 0003-0016  
PROGRESS IN THE STUDY, DESIGN, AND CONSTRUCTION  
OF DAMS BUILT OF EARTHEN MATERIALS  
NTC 78-12920-13M #

000000250841

SIROTA, YU. L.  
//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//  
00/00/1975,V0109,N----, PP 0054-0059  
EXPERIMENTAL STUDY OF TENSILE CREEP OF CLAYEY SOIL  
NTC 78-12915-08M #

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| YESKIN, YU. M.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1975,V0109,N----, PP 0148-0155<br>OSCILLATIONS OF WATER-SATURATED SOIL LAYER<br>UNDERLYING EXTENDED RIGID FOUNDATION<br>NTC 78-12912-13M #                                 | 000000250878 |
| POPOVA, K. S.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1975,V0109,N----, PP 0266-0276<br>LOCAL SCOUR OF FINE SOILS DOWNSTREAM FROM DAMS<br>NTC 78-12914-13M #                                                                      | 000000250880 |
| ANTONOV, S. S.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1976,V----,N----, PP 0021-0028<br>INVESTIGATIONS OF THE STRESS-STRAIN STATE OF<br>THE MIATLINSK HYDROELECTRIC POWER PLANT ARCH<br>DAM<br>NTC 81-10197-13M #                | 000000263176 |
| SAMSONOVA, T. I.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1976,V0113,N----, PP 0103-0112<br>INVESTIGATION OF THE PROCESS OF HARDENING OF<br>MODEL MATERIALS BASED ON MODIFIED EPOXY<br>COMPOSITIONS<br>NTC 78-12911-111 #          | 000000250866 |
| LYSENKO, V. P.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1977,V0119,N----, PP 0080-0083<br>ON THE MECHANISM OF FRICTION BETWEEN COHESIONLESS<br>SOILS AND POLYMER MEMBRANE LININGS IN EARTHFILL<br>STRUCTURES<br>NTC 81-13266-08M # | 000000303072 |
| DYMAN, A. N.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1977,V0119,N----, PP 0096-0100<br>CORROSION-RESISTANT COATINGS OF EPOXY-RUBBER<br>ENAMELS MODIFIED BY STYRENE INDENE RESIN<br>NTC 81-13268-11C #                             | 000000303052 |
| ZHAROV, N. I.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1978,V0123,N----, PP 0057-0067<br>A STUDY OF CAVITATION AND CAVITATION EROSION<br>ON SPILLWAYS<br>NTC 81-10381-13M #                                                        | 000000263183 |
| LESHCHINSKII, V. M.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1978,V0123,N----, PP 0097-0104<br>HYDRODYNAMIC IMPACT PRESSURE DUE TO WAVE ACTION<br>ON PROTECTION SLABS OF EMBANKMENT SLOPES<br>NTC 81-10198-13M #                   | 000000263177 |
| SHEVCHENKO, N. I.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKNIKI//<br>00/00/1978,V0126,N----, PP 0058-0063<br>DETERMINATION OF SOIL PERMEABILITY USING<br>SEEPAGE FLOW FLUCTUATION DATA<br>NTC 81-10384-08M #                                       | 000000286609 |

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| DERYUGIN, G. K.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNII//<br>00/00/1978,V0126,N----, PP 0109-0115<br>EVALUATION OF THE AIR SATURATION OF A<br>UNIFORM FREE-SURFACE FLOW<br>NTC 81-10383-200                                                        | 000000263197 |
| CHUDAKOVA, R. M.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNII//<br>00/00/1978,V0127,N----, PP 0056-0063<br>ON THE BEHAVIOR OF POLYMERIC MATERIALS USED ON<br>MODELLING OF DYNAMIC PHENOMENA IN STRUCTURES<br>NTC 81-10388-13C                           | 000000263168 |
| RUKIN, V. V.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNII//<br>00/00/1979,V0130,N----, PP 0039-0040<br>FIELD STUDIES OF THE STATIC BEHAVIOR OF PRESSURE<br>TUNNEL LININGS<br>NTC 81-10389-13M                                                           | 000000263185 |
| KASSIROVA, V. A.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNII//<br>00/00/1979,V0130,N----, PP 0045-0051<br>SEEPAGE CONTROL GROUTING EFFECTS ON THE<br>STATIC BEHAVIOR OF TUNNEL LININGS UNDER GROUND<br>WATER PRESSURE<br>NTC 81-10387-13M              | 000000263184 |
| SURILOVA, A. V.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNII//<br>00/00/1975,V0109,N----, PP 0116-0121<br>STANDARDIZATION OF SEISMIC LOADS<br>NTC 78-12918-13M                                                                                          | 000000250883 |
| KASATKINA, D. N.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT GIDROTEKHNII//<br>00/00/1977,V0119,N----, PP 0026-0032<br>THE INTERRELATIONSHIP BETWEEN THE CORROSION<br>RESISTANCE AND FROST RESISTANCE OF ASPHALTS AND<br>THEIR WATER RESISTANCE<br>NTC 81-13267-13C | 000000302911 |
| GLEBOV, V. D.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT GIDROTEKHNII//<br>00/00/1977,V0119,N----, PP 0077-0079<br>EXPERIMENTAL TESTING OF POLYETHYLENE SHEETING IN A<br>STATE OF LINEAR STRESS<br>NTC 81-13269-13C                                                | 000000302912 |
| BIRBRAER, A. N.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNII//<br>CHANGE IN THE PROFILE OF EMBANKMENTS OF<br>NONCOHESIVE SOILS DUE TO EARTHQUAKES<br>NTC 78-12919-08M                                                                                   | 000000250842 |
| SHADRIN, G. S.<br>//IZVESTIYA VSESOUZNYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT GIDROTEKHNII//<br>00/00/1962,V----,N0069, PP 0175-0194<br>DYNAMIC PRESSURE OF ICE ON HYDRAULIC STRUCTURES<br>28 PP<br>CRREL 72-T-48                                                                      | 000000125364 |
| DERIUGIN, G. K.                                                                                                                                                                                                                                                                     | 000000113839 |

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| <p>//IZVESTIYA VSESoyZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br/> 00/00/1974,V0104,N----, PP 0049-0062<br/> HYDRAULIC DESIGN OF A NONSUBMERGED SIDE WEIR IN<br/> A RECTANGULAR CANAL OF CONSTANT WIDTH UNDER SMOOTH<br/> AND TURBULENT FLOW CONDITIONS<br/> NTC 77-13176-13M</p>                | 000000113863 |
| <p>AREFEV, N. V.<br/> //IZVESTIYA VSESoyZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br/> 00/00/1974,V0104,N----, PP 0081-0084<br/> METHODS FOR DETERMINING SIZE DISTRIBUTION OF<br/> CAVITATION NUCLEI<br/> NTC 77-13175-200</p>                                                                    | 000000113841 |
| <p>DUBIAGO, V. D.<br/> //IZVESTIYA VSESoyZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br/> 00/00/1974,V0104,N----, PP 0157-0163<br/> ON MODELING THE COMPOSITION OF CONCRETE FOR<br/> HYDRAULIC STRUCTURES IN INVESTIGATING ITS<br/> MECHANICAL PROPERTIES<br/> NTC 77-13178-13M</p>                 | 000000113842 |
| <p>DAVIDENKO, V. M.<br/> //IZVESTIYA VSESoyZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br/> 00/00/1974,V0104,N----, PP 0167-0179<br/> HEAT INSULATION AND WATERPROOFING OF CONCRETE<br/> HYDRAULIC STRUCTURES BUILT IN HARSH CLIMATES<br/> NTC 77-13179-13M</p>                                     | 000000113837 |
| <p>MOSHKOV, M. A.<br/> //IZVESTIYA VSESoyZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br/> 00/00/1974,V0105,N----, PP 0186-0281<br/> ELASTIC SEEPAGE CONDITIONS UNDER THE FLAT<br/> APRONS OF HYDRAULIC STRUCTURES DURING<br/> FLUCTUATIONS IN THE LEVEL OF THE UPPER POOL<br/> NTC 77-13173-13M</p> | 000000113843 |
| <p>KANDOLKIN, V. V.<br/> //IZVESTIYA VSESoyZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br/> 00/00/1974,V0106,N----, PP 0084-0099<br/> INVESTIGATION OF PRESSURE FLUCTUATIONS ON THE<br/> BOTTOM OF THE STILLING BASIN OF THE SAJANSK<br/> HYDROCOMPLEX<br/> NTC 77-13180-L3M</p>                    | 000000113826 |
| <p>POPCHENKO, S. N.<br/> //IZVESTIYA VSESoyZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br/> 00/00/1974,V0106,N----, PP 0297-0304<br/> METHODS OF INCREASING THE SERVICE LIFE OF WATER<br/> PROOFING AND ROLL ROOFING MATERIALS<br/> NTC 77-13177-13C</p>                                            | 000000113838 |
| <p>VINOGRADOV, O. D.<br/> //IZVESTIYA VSESoyZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br/> 00/00/1975,V0107,N----, PP 0078-0083<br/> ON SIMULATION OF DYNAMIC PROCESSES IN STRUCTURES<br/> USING VISCO-ELASTIC MODELS<br/> NTC 77-13174-13M</p>                                                   | 000000113844 |
| <p>GOLDIN, A. L.<br/> //IZVESTIYA VSESoyZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI//<br/> 00/00/1974,V0105,N----, PP 0010-0013<br/> CONSOLIDATION OF A HIGH DAM CORE, TAKING INTO<br/> ACCOUNT INSTANTANEOUS DEFORMATION AND CREEP OF</p>                                                            |              |

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| THE SOIL SKELETON<br>NTC 77-13181-13M                                                                                                                                                                                                                                               | # | 000000171169 |
| NAREZHNYI, E. G.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1977,V0020,N0003, PP 0083-0089<br>HEAT TRANSFER FOR AN UNCOOLED INTERPROFILE AND<br>END-SURFACE OF A TURBINE STAGE<br>NTC 79-10161-20M                                                                         | # | 000000097927 |
| SHAYDAKOV, V. I.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1966,V0009,N0003, PP 0043-0049<br>APPLICATION OF THE RING VORTEX METHOD TO<br>AERODYNAMIC DESIGN OF LIFTING ROTOR SYSTEMS.<br>NTC AD 735018                                                                    | # | 000000002332 |
| SMYSLOV, V. I.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1967,V0010,N0040, PP 0088-0093<br>METHOD OF ELECTROMECHANICAL SIMULATION OF ELASTIC<br>OSCILLATIONS OF AN AIRCRAFT IN FLIGHT 9 PP<br>AIR/FTD-HT-23-1962-74                                                       | # | 000000168248 |
| YAKOVLEV, YU. P.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1969,V0012,N0002, PP 0089-0098<br>CALCULATING HEAT TRANSFER IN DIATHERMAL SYSTEMS<br>IN THE SUPERCRITICAL BOILING REGIME<br>NTIS N70-27451                                                                     | # | 000000271266 |
| VIDIN, YU. V.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1970,V0013,N0002, PP 0052-0057<br>UNSTEADY THERMAL CONDUCTIVITY OF CYLINDRICAL<br>PARTITIONS WITH A VARIABLE COEFFICIENT OF HEAT<br>EXCHANGE 8 PP<br>TIB AD-759 815                                               | # | 000000242711 |
| BARANOV, I. A.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1971,V0014,N0002, PP 0039-0045<br>THE EFFECT OF THE OVALITY OF THE BALLS OF<br>A RADIAL-THRUST BEARING ON THE AXIAL<br>VIBRATION OF A RAPIDLY ROTATING ROTOR OF<br>AN ENGINE 19 PP<br>NTC,NTIS,BLL AS AD-754 615 | # | 000000165190 |
| YAKOVLEV, YU. P.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1971,V0014,N0002, PP 0144-0147<br>CERTAIN RESULTS OF A CINEMATOGRAPHIC STUDY OF<br>STUDY OF BULK BOILING<br>TIB AD-749 531                                                                                     | # | 000000251035 |
| SEMEIKHIN, P. V.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1971,V0014,N0003, PP 0050-0053<br>SPECIFIC IMPULSE OF MINATURE MOTORS EMPLOYING<br>CRYOGENIC FUELS<br>NTIS N-73-21694                                                                                          | # | 000000091947 |
| SAMAROV, N. G.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//                                                                                                                                                                                                                           |   |              |

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| 00/00/1971,V0043,N0002, PP 0067-0075<br>INFLUENCE OF THE FLEXIBILITY OF THE ROTOR<br>ELEMENTS ON THE DYNAMIC DEFLECTION OF THE ROTOR<br>AS A WHOLE<br>NTIS N72-29006                                                                                                             | # |              |
| DEYCH, M. YE.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1972,V----,N0004, PP 0130-0132<br>FLOW OVER TRAILING EDGES IN AIRFOIL CASCADE WITH<br>CHANGES IN MACH AND REYNOLDS NUMBERS<br>NTC 77-1237L-01A                                                                 | # | 000000104397 |
| ZHIZHOV, V. F.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1972,V0015,N0001, PP 0051-0054<br>VIBRATIONS OF A LUMPED MASS ON A RING CONNECTED TO<br>THIN SHELL<br>NTC-73-10941                                                                                            | # | 000000208182 |
| DANILOV, YE. M.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1972,V0015,N0002, PP 0060-0066<br>METHOD OF CALCULATING THE FLOW IN A CIRCULAR<br>NOZZLE<br>NTIS N-73-20308                                                                                                  | # | 000000251034 |
| GLADCHENKO, N. K.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1972,V0015,N0002, PP 0092-0099<br>ON THE MAGNITUDE OF THE TRANSVERSE FORCE ACTING<br>ON THE IMPELLER OF CENTRIFUGAL PUMPS<br>NTC-73-11350                                                                  | # | 000000167525 |
| DAUTOV, I. V.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1972,V0015,N0002, PP 0164-0166<br>LONGITUDINAL COMPRESSION OF A SANDWICH PLATE WITH<br>INITIAL DEFLECTION AND PHYSICAL NONLINEARITY OF<br>THE MIDDLE LAYER (FILLER)<br>NTC-73-10940                            | # | 000000208183 |
| DEICH, M. E.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1972,V0015,N0004, PP 0130-0132<br>FLOW OVER TRAILING EDGES IN AIRFOIL CASCADE<br>WITH CHANGES IN MACH AND REYNOLDS NUMBERS<br>NTC-77-12371, BLD 8660.5 (8366)                                                   | # | 000000219797 |
| ALEMASOV, V. E.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1974,V0017,N0003, PP 0005-0008<br>ON THE INFLUENCE OF FRICTION AND HEAT TRANSFER<br>ON THE SPECIFIC IMPULSE OF A FLOW<br>APL/JHU T-2927                                                                      | # | 000000017369 |
| VLASOV, I. I.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1975,V----,N0001, PP 0031-0035<br>TIME RATE OF CHANGE IN THE MEAN LONGITUDINAL GAS<br>TEMPERATURE IN THE CHANNEL OF A FLUIDIC<br>OSCILLATOR 10 PP<br>GUD COPYRIGHT INFORMATION REFER OTHER REQUESTS<br>TO FSTC | # | 000000075451 |

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| VINOGRADOV, B. S.                                  |   | 000000065526 |
| //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//            |   |              |
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| ON AN APPROXIMATE METHOD OF COMPUTING A            |   |              |
| DETACHED SHOCK                                     |   |              |
| NTC 76-10085-01A                                   | # |              |
| ALEKSEYEV, K. B.                                   |   | 000000049464 |
| //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//            |   |              |
| 00/00/1975,V----,N0004, PP 0005-0010               |   |              |
| SUBSTANTIATION OF PROGRAM OF EXTENSIVE CONTROL     |   |              |
| OF TURN MANEUVER 8 PP                              |   |              |
| GUO                                                |   |              |
| JPRS L/6042                                        | # |              |
| FISHBEYN, B. D.                                    |   | 000000084910 |
| //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//            |   |              |
| 00/00/1975,V0018,N0003, PP 0154-0158               |   |              |
| INFLUENCE OF AIR HUMIDITY ON COMPRESSOR AND        |   |              |
| TURBINE EFFICIENCY DETERMINED FROM EXPERIMEN-      |   |              |
| TAL DATA 10 PP                                     |   |              |
| NASA TT F 17073                                    | # |              |
| FISHBEYN, B. D.                                    |   | 000000220918 |
| //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//            |   |              |
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| INFLUENCE OF AIR HUMIDITY ON COMPRESSOR AND        |   |              |
| TURBINE EFFICIENCY DETERMINED FROM EXPERIMENTAL    |   |              |
| DATA 10 PP                                         |   |              |
| NASA TT F 17073                                    | # |              |
| MONAKHOV, N. M.                                    |   | 000000284548 |
| //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//            |   |              |
| 00/00/1976,V0019,N0002, PP 0063-0073               |   |              |
| SOLUTION OF THE PROBLEM OF FLOW AROUND A THIN      |   |              |
| BLUNT BODY OF REVOLUTION SUBJECTED TO A HYPERSONIC |   |              |
| GAS STREAM                                         |   |              |
| NTIS N77-10011                                     | # |              |
| TRUNEVA, E. A.                                     |   | 000000284554 |
| //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//            |   |              |
| 00/00/1976,V0019,N0002, PP 0106-0110               |   |              |
| MECHANISM OF STABILISATION OF THE SEPARATION POINT |   |              |
| OF A VORTEX DURING FLOW OF A STREAM AT LOW         |   |              |
| SUBSONIC VELOCITY OVER A DELTA WING                |   |              |
| NTIS N77-10012                                     | # |              |
| SHATAYEV, V. G.                                    |   | 000000284549 |
| //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//            |   |              |
| 00/00/1976,V0019,N0002, PP 0117-0123               |   |              |
| CALCULATION OF MULTI CONTOUR THIN WALLED           |   |              |
| STRUCTURES BY THE METHOD OF SECTIONS               |   |              |
| NTIS N77-11029                                     | # |              |
| MASLOV, V. G.                                      |   | 000000111910 |
| //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//            |   |              |
| 00/00/1976,V0019,N0004, PP 0068-0074               |   |              |
| INFLUENCE OF THE INTENDED USE OF AN AIRCRAFT ON    |   |              |
| THE OPTIMAL PARAMETERS OF GAS-TURBINE POWER PLANTS |   |              |
| *NASA TM-75262                                     | # |              |
| MOSIN, A. V.                                       |   | 000000060539 |

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| <p>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br/> 00/01/1976,V----,N0001, PP 0067-0070<br/> EXPERIMENTAL INVESTIGATION OF THE BURNING<br/> TIME UNDER TWO-STAGE BURNING PROCESS<br/> #NASA TT F-17279</p>                                                                                   | # | 000000060540 |
| <p>FISHBEYN, B. D.<br/> //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br/> 00/01/1976,V----,N0001, PP 0078-0085<br/> CHOISE OF COMPRESSOR PRESSURE RATIO OF SMALL<br/> GAS TURBINES PLACED IN A BYPASS ENGINE DUCT<br/> #NASA TT F-17280</p>                                                    | # | 000000060541 |
| <p>MONAKHOV, N. M.<br/> //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br/> 00/02/1976,V----,N0002, PP 0068-0073<br/> SOLUTION OF THE PROBLEM CONNECTED WITH A THIN<br/> BLUNT ROTATING BODY FLOWING WITH A SUPERSONIC<br/> GAS STREAM<br/> #NASA TT F-17281</p>                                 | # | 000000060542 |
| <p>POPKOV, A. N.<br/> //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br/> 00/02/1976,V----,N0002, PP 0083-0088<br/> LOCAL SIMILARITY METHOD OF CHARACTERISTICS<br/> CALCULATION OF BOUNDARY LAY OF A FLUID<br/> #NASA TT F-17282</p>                                                             | # | 000000220899 |
| <p>POPKOV, A. N.<br/> //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br/> 00/02/1976,V----,N0002, PP 0083-0088<br/> METHOD OF LOCAL SIMILARITY OF CALCULATION OF<br/> CHARACTERISTICS OF A LAMINAR BOUNDARY LAYER OF<br/> FLUID 13 PP<br/> NASA TT F 17282</p>                                   | # | 000000060543 |
| <p>TRUNEVA, YE. A.<br/> //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br/> 00/02/1976,V----,N0002, PP 0106-0110<br/> STUDY OF THE MECHANISM STABILIZING THE VORTEX<br/> POINT OF DESTRUCTION AT LOW SUBSONIC FLOW ABOUT<br/> DELTA WINGS<br/> #NASA TT F-17283</p>                              | # | 000000220896 |
| <p>MONAKHOV, N. M.<br/> //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br/> 00/02/1976,V----,N0002, PP 0106-0110<br/> SOLUTION OF THE PROBLEM OF FLOW AROUND A THIN<br/> BLUNT BODY OF REVOLUTION SUBJECTED TO A HYPERSONIC<br/> GAS STREAM 10 PP<br/> NASA TT F 17281</p>                       | # | 000000220895 |
| <p>TRUNEVA, YE. A.<br/> //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br/> 00/02/1976,V----,N0002, PP 0106-0110<br/> MECHANISM OF STABILIZATION OF THE SEPARATION POINT<br/> OF A VORTEX DURING FLOW OF A STREAM AT LOW<br/> SUBSONIC VELOCITY OVER A DELTA WING 11 PP<br/> NASA TT F 17283</p> | # | 000000086154 |
| <p>SHATAYEV, V. G.<br/> //IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br/> 00/02/1976,V----,N0002, PP 0117-0123<br/> CALCULATION OF MULTI-CONTOUR THIN-WALLED STRUC-</p>                                                                                                                        |   |              |



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| TURES BY THE METHOD OF SECTIONS 15 PP<br>NASA TT F 17284                                                                                                                                                                                                           | # |              |
| SHATAYEV, V. G.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/02/1976,V----,N0002, PP 0117-0123<br>CALCULATION OF MULTI-CONTOUR THIN-WALLED STRUC-<br>TURES BY THE METHOD OF SECTIONS 15 PP<br>NASA TT F 17284                                                  | # | 000000132417 |
| AKSENOV, O. M.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1977,V----,N0002, PP 0012-0017<br>SUPERELEMENT METHOD OF DESIGNING A HELICOPTER<br>FUSELAGE<br>NTC 78-12130-12B                                                                                 | # | 000000141073 |
| GARAYEV, K. G.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1977,V----,N0002, PP 0040-0044<br>GROUP THEORY APPROACH TO SOLUTION OF THE PROBLEM<br>OF OPTIMAL CONTROL OF A LAMINAR BOUNDARY LAYER<br>CSO: 8144/0193-A-79 COMPLETED SPECIAL                   | # | 000000218088 |
| POTAPOV, G. P.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1977,V----,N0003, PP 0090-0092<br>CTO 1519<br>FORMATION OF STATIC ELECTRICITY DURING FLOW OF AN<br>IONIZED GAS FROM A NOZZLE<br>NTC 81-11251-201                                                | # | 000000290686 |
| SHEVELEV, A. S.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1977,V----,N0004, PP 0103-0108<br>ON THE QUALITY ASSURANCE OF ARTICLE FABRICATION<br>IN AVIATION ENGINEERING<br>NTC 78-12910-01C                                                               | # | 000000146977 |
| TOKAREV, V. V.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1978,V0021,N0001, PP 0074-0080<br>MECHANISM OF PULSATING COMBUSTION OF THE LIQUID<br>FUEL FED TO THE AIRFLOW THROUGH THE CIRCULATION<br>ZONE BEHIND THE FLAME STABILIZER<br>*NASA-TM-75438      | # | 000000172936 |
| SERGEYEV, V. I.<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1979,V----,N0002, PP 0112-0119<br>CALCULATION OF PRESSURE DISTRIBUTION ALONG THIN<br>WINGS IN A SUPERSONIC FLOW 8 PP<br>000 COPYRIGHT INFO REFER TO OTHER TO FTD/STINFO<br>FTD-IDIRSIT-1456-79 | # | 000000189600 |
| UNKNOWN<br>//IZVESTIYA VUZ AVIATIONNAYA TEKHNIKA//<br>00/00/1975,V0018,N0001, PP 0087<br>ON THE INFLUENCE OF CONSTRUCTIONAL PARAMETERS OF<br>RUNNER OF CENTRIFUGAL BLOWER PUMP ON THE STRUCTURE<br>OF FLOW IN THE INLET PIPE SMALL DISCHARGES<br>INSDOC 20171      | # | 000000300412 |
| LEVI, L. J.                                                                                                                                                                                                                                                        |   | 000000300459 |

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| <p>//IZVESTIYA VUZ CERNAYA METALL//<br/> 00/00/1968,V----,N0011, PP 0151-0154<br/> INVESTIGATION OF THE SURFACE TENSION AND DENSITY<br/> OF IRON-CARBON-SILICON ALLOYS AND FOUNDRY PRODUCTS<br/> CRL T 8857</p>                                                                            | 000000300458 |
| <p>VORONTSOV, V. K.<br/> //IZVESTIYA VUZ CERNAYA METALL//<br/> 00/00/1978,V0021,N0011, PP 0046-0050<br/> DEGREE OF UTILIZATION OF THE PLASTICITY RESOURCE<br/> WHEN ROLLING IN UNIVERSAL STANDS<br/> BISI 18206</p>                                                                        | 000000219422 |
| <p>PETRUSHEVSKIY, M. S.<br/> //IZVESTIYA VUZ CERNAYA METALLURGIYA//<br/> 00/00/1978,V0021,N0006, PP 0005-0008<br/> CALCULATION OF THE ENTHALPIES OF FORMATION OF<br/> MOLTEN FE-CR-SI ALLOYS<br/> BISI 17828</p>                                                                           | 000000219419 |
| <p>MINTS, R. I.<br/> //IZVESTIYA VUZ CERNAYA METALLURGIYA//<br/> 00/00/1978,V0021,N0006, PP 0080-0083<br/> MORPHOLOGY OF THE EUTECTICS AND ACCESSORY<br/> INCLUSIONS IN A LUNAR METALLIC FRAGMENT<br/> BISI 17838</p>                                                                      | 000000219423 |
| <p>MINTS, R. I.<br/> //IZVESTIYA VUZ CERNAYA METALLURGIYA//<br/> 00/00/1978,V0021,N0006, PP 0080-0083<br/> MORPHOLOGY OF THE EUTECTICS AND ACCESSORY<br/> INCLUSIONS IN A LUNAR METALLIC FRAGMENT<br/> BISI 17838</p>                                                                      | 000000219421 |
| <p>MUKHAMEDOV, A. A.<br/> //IZVESTIYA VUZ CERNAYA METALLURGIYA//<br/> 00/00/1978,V0021,N0006, PP 0110-0113<br/> EFFECT OF PHASE RECRYSTALLISATION DURING HEAT<br/> TREATMENT ON THE WEAR RESISTANCE OF A STEEL<br/> BISI 17841</p>                                                         | 000000219418 |
| <p>FEDROV, M. I.<br/> //IZVESTIYA VUZ CERNAYA METALLURGIYA//<br/> 00/00/1978,V0021,N0006, PP 0168-0170<br/> INVESTIGATION OF THE STRAIGHTENING CONDITIONS<br/> GIVING RISE TO A REDUCTION IN THE RESIDUAL<br/> STRESS LEVEL IN THREE-DIMENSIONALLY HARDENED<br/> RAILS<br/> BISI 17853</p> | 000000219420 |
| <p>POMELNIKOVA, S.<br/> //IZVESTIYA VUZ CERNAYA METALLURGIYA//<br/> 00/00/1978,V0021,N0010, PP 0129-0131<br/> PROPERTIES OF LIQUIDS USED FOR HEAT TREATMENT<br/> AND THERMAL PICKLING OF OXIDE COATED METALS<br/> BISI 18127</p>                                                           | 000000211388 |
| <p>AKHMATOV, V. I.<br/> //IZVESTIYA VUZ CERNAYA METALLURGIYA//<br/> 00/00/1976,V----,N0011, PP 0056-0060<br/> STABILITY OF HIGH MELTING OXYGEN FREE COMPOUNDS IN<br/> A LOW-TEMPERATURE PLASMA<br/> BISI 15410</p>                                                                         |              |

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| <p>SHUMILOV, M. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1977,V----,N0001, PP 0146-0149<br/> INFLUENCE OF ARSENIC ON CARBURIZING AND CARBON<br/> DIFFUSION IN LOW ALLOY STEEL<br/> BISI 15682</p>                                             | 000000230965 |
| <p>KOSHELEV, S. P.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1978,V----,N0003, PP 0019-0022<br/> SPECIAL FEATURES OF SILICON REDUCTION IN BLAST<br/> FURNACES OF LARGE AND SMALL VOLUME<br/> BISI 17404</p>                                       | 000000212805 |
| <p>CHEERNYAVSKAYA, S. G.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1979,V0001,N----, PP 0037-0041<br/> THE EXTENT TO WHICH A 4.8 T INGOT OF EP679VD STEEL<br/> IS AFFECTED BY NON-METALLIC INCLUSIONS<br/> BISI 18383</p>                         | 000000188216 |
| <p>MINAYEV, A. N.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1978,V----,N0003, PP 0161-0163<br/> INVESTIGATION OF THE HEAT EXCHANGE PROCESS IN<br/> FREE-FIRED BATCH TYPE REHEATING FURNACES<br/> BISI 17427</p>                                   | 000000212803 |
| <p>ALEKSEYEVA, N. P.<br/> //IZVESTIYA VUZ CHERNAYA METALLOVEDENIYA//<br/> 00/00/1978,V0021,N0010, PP 0040-0042<br/> ASSESSING THE INFLUENCE ON THE STRENGTH OF<br/> SINTER OF MICRO-STRUCTURAL STRESSES ARISING<br/> DURING ITS COOLING. II<br/> BISI 18113</p> | 000000309855 |
| <p>KNIZHNIK, E. G.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1978,V----,N0001, PP 0149-0152<br/> USE OF A THERMOMAGNETIC FIELD DURING TWO-STAGE<br/> THERMOMAGNETIC TREATMENT OF YUNDK40T8-TYPE<br/> ALLOYS<br/> BISI 17249</p>                   | 000000150923 |
| <p>DEVYATOV, KH.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1978,V----,N0008, PP 0131-0136<br/> SYNTHESIS OF OPTIMAL HEATING CONTROL FOR INGOTS<br/> WITH INCOMPLETE SOLIDIFICATION AND NON<br/> LINEAR BOUNDARY CONDITIONS<br/> BISI 18003</p>    | 000000206496 |
| <p>ZHELEZNOV, YU. D.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1970,V----,N0001, PP 0096-0099<br/> METHOD OF CALCULATING THE TRANSVERSE SECTION OF<br/> A STRIP IN SHEET ROLLING<br/> NTC 78-11872-13H</p>                                        | 000000139257 |
| <p>SOKOLOVSKIY, V. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1977,V----,N0010, PP073-0075<br/> LATERAL BOUNDARIES OF WALL REDUCTION ZONE OF<br/> INSTANTANEOUS DEFORMATION ZONE IN THE COLD-ROLLING</p>                                        | 000000162143 |

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| OF TUBES<br>BISI 16884                                                                                                                                                                                                                                    | # | 000000006853  |
| SHONG KOA VAN<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/0000,V----,N0007, PP 0173-0175<br>EFFECTS OF THE ANGLE OF INCLINATION OF THE<br>NOZZLES IN FURNACE ROOF OXYGEN LANCES ON<br>EROSION OF THE ROOF AND THE RATE OF<br>SPATTER<br>BISI 12735 | # |               |
| KAIBYSHEV, O. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1973,V----,N0003, PP 0199-0121<br>THE SUPERPLASTICITY IN TECHNICAL NICKEL<br>BISI 11888                                                                                               | # | 000000000197  |
| KUSHNIR, M. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1973,V----,N0012, PP 0005-0006<br>DENSITY AND SURFACE TENSION OF MOLTEN<br>CHROMIUM-NICKEL ALLOYS<br>BISI 12216                                                                         | # | 0000000004238 |
| POTAPKIN, V. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0003, PP 0077-0081<br>FIELD OF SLIP LINES IN THE UNSTEADY-STATE PROCESS<br>ROLLING HEAVY AND MEDIUM SHEET<br>BISI 12418                                                    | # | 000000000202  |
| BELYATSKAYA, I. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0001, PP 0136-0138<br>THE MAGNETIC PROPERTIES OF MN-AL ALLOYS<br>WITH CARBON<br>BISI 12261                                                                              | # | 000000011486  |
| CHELYSHEV, N. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0002, PP 0097-0099<br>DISTRIBUTION OF THE RADIAL MACROSTRESSES IN<br>RAIL HEADS AFTER HIGH-TEMPERATURE THEROMECHANICAL<br>TREATMENT<br>BISI 12668                         | # | 000000009235  |
| KAPLUN, P. R.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0003, PP 0028-0031<br>HYDRODYNAMIC AND DIFFUSION PROCESSES IN AN<br>INSTALLATION FOR THE CONTINUOUS CONVERSION OF<br>PIG IRON<br>BISI 12413                                  | # | 000000000200  |
| ELYUTIN, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0003, PP 0036-0038<br>DEPOSITION OF TITANIUM CARBIDE ON GRAPHITE USING<br>LOW TEMPERATURE PLASMA<br>BISI 12414                                                              | # | 000000000199  |
| OKHRIMENKO, YA. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//                                                                                                                                                                                              |   | 000000017650  |

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| 00/00/1974,V----,N0003, PP 0061-0064<br>TEMPERATURE IN THE IMMEDIATE DIE CONTACT ZONE<br>DURING STAMPING OF HEAT RESISTANT STEEL BLADES<br>BISI 12416                                                                          | 000000017652 |
| POLUKHIN, P. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0003, PP 0065-0068<br>INVESTIGATION OF THE PROCESS OF LONGITUDINAL<br>ROLLING OF TUBES IN VACUUM<br>BISI 12417                                  | 000000017651 |
| MECHNEV, YU. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0003, PP 0110-0112<br>KINETICS OF THE ESTABLISHMENT OF EQUILIBRIUM<br>ELECTRON RESISTANCE IN THE SOLIDUS-LIQUIDUS REGION<br>BISI 12419          | 00000005855  |
| GRIGORYAN, V. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0005, PP 0055-0058<br>DYNAMIC SURFACE EFFECT OF DISSOLUTION OF<br>PYROGRAPHITE IN FE-C AND NI-C MELTS<br>BISI 12579                            | 00000003104  |
| FOMINYKH, I. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0005, PP 0160-0162<br>FIRECLAY RICH IN ALUMINIUM OXIDE FOR INVESTMENT<br>CASTING<br>BISI 12586                                                  | 000000013939 |
| BOSKER, YE. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0006, PP 0008-0010<br>SPEED OF THE SPREAD OF BORO-SILICATE MELTS OVER<br>METAL SURFACES<br>BISI 12661                                            | 00000006850  |
| KOPYRIN, I. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0006, PP 0041-0045<br>SPECIAL FEATURES OF SSGOK PELLETS FLUXED<br>WITH DOLOMITE<br>BISI 12663                                                    | 00000007586  |
| GABRILIN, YE. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0006, PP 0053-0058<br>DETERMINATION OF THE POSITION OF OXYGEN ROOF<br>LANCES IN THE OPEN HEARTH FURNACE BY<br>ELECTRICAL METHODS<br>BISI 12664 | 00000006403  |
| POVOLOTSKIY, O. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0006, PP 0068-0071<br>ELIMINATION OF NON-METALLIC INCLUSIONS DURING<br>THE DROP REMELTING OF METAL IN THE SLAG<br>BISI 12665                | 00000007580  |
| POZDEYEV, A. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//                                                                                                                                                                      |              |

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| 00/00/1974,V----,N0006, PP 0104-0108<br>THERMOMECHANICAL BEHAVIOUR DURING THE ROLLING<br>OF INGOTS ON A HEAVY GAUGE SHEET MILL<br>BISI 12669                                                             | # | 000000021402 |
| SAVCHENKO, V. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0006, PP 0141-0144<br>INFLUENCE OF SOLIDIFICATION RATE ON THE CHARACTER<br>OF GREY-IRON CRYSTALLIZATION<br>BISI 12672    | # | 000000006844 |
| GRANKOVSKIY, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0006, PP 0178-0180<br>SOME MECHANISMS OF THE REFINING PERIOD<br>IN AN OPEN HEARTH HEAT<br>BISI 12674                   | # | 000000006856 |
| SANZHAREVSKIY, A. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0007, PP 0068-0073<br>STRESS STATE OF THE SLEEVES OF MILL ROLLS<br>BISI 12726                                        | # | 000000010921 |
| SKOROKHODOV, N. E.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0007, PP 0082-0086<br>EFFECT OF RESIDUAL STRESS DISTRIBUTION ON<br>THE LACK OF FLATNESS IN SHEETS<br>BISI 12728        | # | 000000005745 |
| KHAIRETDINOV, E. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0007, PP 0094-0097<br>WEAR MECHANISM OF PUNCHES OF HOT-STAMPING PRESSES<br>BISI 12729                                 | # | 000000010922 |
| BOKSHEIN, B. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0007, PP 0111-0113<br>INVESTIGATION OF THE THERMODYNAMIC PROPERTIES<br>OF AN ALLOYS OF IRON WITH MOLYBDENUM<br>BISI 12730 | # | 000000012284 |
| PIITERIMOV, V. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0007, PP 0122-0125<br>THE DUCTILITY AND RELAXATION PROPERTIES OF<br>TIN-LEAD SYSTEM ALLOYS<br>BISI 12731                | # | 000000005692 |
| FOMINYKH, I. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0007, PP 0152-0157<br>RESEARCH INTO THE RUNNER AND FEEDER SYSTEM FOR<br>INVESTMENT CASTINGS<br>BISI 12733                 | # | 000000006859 |
| IVANOV, YU. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0007, PP 0158-0163<br>SUB-OPTIMAL CONTROL OF THE HEATING OF METALS<br>REPORTS 2                                            | # |              |

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| <p> BISI 12734<br/> FRAGE, N. R.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/> 00/00/1974,V----,N0008, PP 0005-0008<br/> THE SOLUBILITY OF NITROGEN AND TITANIUM IN NICKEL<br/> CHROMIUM BASED ALLOYS<br/> BISI 12791 </p>                                                | 000000005778 |
| <p> VYATKIN, G. P.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/> 00/00/1974,V----,N0008, PP 0009-0012<br/> USE OF THE SIMPLEX SQUARES METHOD FOR CALCULATING<br/> THE EQUILIBRIUM DIAGRAM OF THE FE-CR-AL SYSTEM<br/> BISI 12792 </p>                                     | 000000005779 |
| <p> SKREBTSOV, A. M.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/> 00/00/1974,V----,N0008, PP 0035-0038<br/> ON THE MECHANISM OF METAL MOVEMENT IN THE LIQUID<br/> CORE OF A SOLIDIFYING INGOT OF KILLED STEEL<br/> BISI 12794 </p>                                       | 000000013943 |
| <p> BOGOYAVLENSKIY, K. N.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/> 00/00/1974,V----,N0008, PP 0050-0054<br/> STRESSED STATE OF THE STRIP DURING DEFORMATION<br/> IN THE ROLLS OF A SECTION BENDING MILL<br/> BISI 12795 </p>                                         | 000000005769 |
| <p> PORADA, I. L.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/> 00/00/1974,V----,N0008, PP 0096-0098<br/> REDISTRIBUTION OF ALLOYING ELEMENTS BETWEEN<br/> SOLID SOLUTION AND CARBIDE PHASE DURING<br/> TEMPERING OF QUENCHED SHKH15SMFSH-TYPE STEEL<br/> BISI 12798 </p> | 000000009236 |
| <p> TARAN, N. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/> 00/00/1974,V----,N0008, PP 0118-0121<br/> CALCULATION OF GATING SYSTEMS IN THE TOP-POURING<br/> OF LARGE STEEL CASTINGS AND FORGING INGOTS<br/> BISI 12801 </p>                                            | 000000005773 |
| <p> SAMSONOV, G. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/> 00/00/1974,V----,N0008, PP 0122-0125<br/> INFLUENCE OF THE ELECTRONIC STRUCTURE OF ELEMENTS<br/> ON THE FORMATION OF SPHEROIDAL GRAPHITE<br/> *BISI 12802 </p>                                          | 000000005761 |
| <p> TAITS, N. YU.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/> 00/00/1974,V----,N0008, PP 0126-0128<br/> THE PROBLEMS OF RATING THE METAL OXIDATION LOSS<br/> IN ROLLING MILL FURNACES<br/> BISI 12803 </p>                                                              | 000000005762 |
| <p> GREBENIK, V. M.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/> 00/00/1974,V----,N0008, PP 0172-0178<br/> THE EFFECT OF STRESS CONCENTRATION AND SCALE FACTO<br/> OF FATIGUE CURVE PARAMETERS </p>                                                                      | 000000005763 |

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| BISI 12804                                                                                                                                                                                                               | # | 000000004369 |
| ARSEN'EV, P. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0009, PP 0017-0021<br>VISCOSITY PARTICULARS OF MOLTEN COMPLEX<br>COMPOSITION ALLOYS<br>BISI 12886                                         | # |              |
| MIKHALICH, V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0009, PP 0040-0043<br>DETERMINING THE THERMODYNAMIC PARAMETERS OF THE<br>PROCESS OF DEOXIDATION BY THE E.M.F. METHOD<br>* BISI 12887        | # | 000000005252 |
| ANTIPIN, V. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0009, PP 0059-0062<br>INVESTIGATION OF CHANGES IN STEEL<br>TEMPERATURE DURING DEOXIDATION OUTSIDE<br>THE FURNACE AND TEEMING<br>BISI 12888 | # | 000000012297 |
| POLUKHIN, P. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0009, PP 0080-0084<br>INVESTIGATION OF PROCESSES OF ROLLING TUBE<br>BILLETS IN VACUUM<br>BISI 12890                                       | # | 000000005255 |
| SMIRNOV, V. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0009, PP 0085-0088<br>SOLUTION OF THE TWO-DIMENSIONAL CONTACT PROBLEMS<br>OF ROLLING THEORY<br>* BISI 12891                                | # | 000000005256 |
| PLUKHIN, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0009, PP 0100-0104<br>ASSESSMENT OF THE RELIABILITY OF THE TREAT<br>FITTING OF BACK-UP ROLLS<br>* BISI 12892                               | # | 000000005257 |
| SKAKOV, YU. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0009, PP 0116-0120<br>X-RAY EXAMINATION OF THE STRUCTURE OF COPPER AFTER<br>LOW-AMPLITUDE ULTRASONIC DEFORMATION<br>* BISI 12893           | # | 000000005258 |
| SHAKOV, YU. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0009, PP 0116-0120<br>X-RAY EXAMINATION OF THE STRUCTURE OF COPPER<br>AFTER LOW-AMPLITUDE ULTRASONIC DEFORMATION<br>BISI 12893             | # | 000000009254 |
| PORUCHIKOV, YU. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0009, PP 0141-0145<br>AVERAGE TRANSLATORY SPEED OF THE FLOW OF MELTS<br>OVER THE SURFACE OF A MOULD                                    | # | 000000005261 |



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| * BISI 12896                                                                                                                                                                                                                                                                          | # | 00000001282  |
| NIKULIN, L. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1974,V----,N0009, PP 0146-0149<br>PHASE DIAGRAMS AND PROPERTIES OF CASTING<br>ALLOYS WITH NON-EQUILIBRIUM CRYSTALLIZATION<br>BISI 12897                                                                             | # |              |
| ELANSKIY, G. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/07/1974,V----,N----, PP 0037-0040<br>THE CONTENT OF COMBINED OXYGEN IN THE METAL<br>DURING THE BOIL OF AN OPEN HEARTH BATH<br>BISI 12724                                                                              | # | 000000005743 |
| YAKUSHEV, A. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/07/1974,V----,N----, PP 0041-0043<br>DEOXIDATION OF SKHM OPEN HEARTH STEEL WITH<br>TIN ALLOY<br>*BISI 12725                                                                                                           | # | 000000005744 |
| ANIKEYEV, E. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1975,V----,N0001, PP 0008-0010<br>SELECTIVE DEPOSITION OF COMPONENTS OF BINARY<br>ALLOYS<br>BISI 13226                                                                                                             | # | 000000047907 |
| BURKHANOV, S. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1975,V----,N0001, PP 0068-0071<br>DETERMINATION OF THE ELONGATION COEFFICIENT<br>DURING ROLLING FROM THE CONDITION OF<br>INHOMOGENEOUS TRIAXIAL COMPRESSION<br>BISI 13232                                         | # | 000000021448 |
| SMIRNOV, V. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1975,V----,N0001, PP 0072-0075<br>THE SOLUTION OF THE TWO-DIMENSIONAL CONTACT<br>PROBLEM OF ROLLING THEORY. COMMUNICATION 2<br>BISI 13233                                                                           | # | 000000021447 |
| CHEKMAREV, A. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1975,V----,N0001, PP 0076-0080<br>THEORETICAL INVESTIGATION OF THE EFFECT OF<br>DISTURBING FACTORS ON THE WALL THICKNESS<br>VARIATION OF TUBES, ROLLED ON TWO-ROLL REELING<br>MILL. COMMUNICATION 1<br>BISI 13234 | # | 000000021451 |
| SAFINA, L. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1975,V----,N0002, PP 0017-0021<br>INFLUENCE OF TEMPERATURE, COMPOSITION AND<br>VISCOSITY OF A SLAG ON ITS DESULPHURIZING CAPACITY<br>BISI 13340                                                                      | # | 000000021417 |
| GUREVICH, YU. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br>00/00/1975,V----,N0002, PP 0043-0046                                                                                                                                                                                    | # | 000000021401 |

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| <p>THERMODYNAMIC PROPERTIES OF TITANIUM CARBONITRIDE<br/>AND CONDITIONS UNDER WHICH IT IS PRECIPITATED<br/>OUT OF MOLTEN STEEL<br/>BISI 13343</p>                                                                                                   | 000000047918 |
| <p>ALYUSHIN, YU. A.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/>00/00/1975,V----,N0002, PP 0069-0072<br/>INVESTIGATION OF THE STRESS-STRAIN STATE IN PLANE<br/>UPSETTING FROM POINT TRAJECTORIES<br/>BISI 13346</p>                              | 000000146348 |
| <p>BRATCHIKOV, S. G.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/>00/00/1977,V----,N0009, 0020-0023<br/>INVESTIGATION OF THE KINETIC RELATIONSHIPS BY<br/>THE DECARBONIZATION PROCESS IN PELLET FIRING<br/>BISI 16765</p>                         | 000000146327 |
| <p>DERKACHEV, E. N.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/>00/00/1977,V----,N0009, 0032-0035<br/>EVALUATING THE STATE OF OXYGEN-BLOWN CONVERTER<br/>HEATS ON THE BASIS OF ADAPTIVE ALGORITHMS.<br/>REPORT 1<br/>BISI 16766</p>              | 000000146325 |
| <p>OLEKSA, R. P.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/>00/00/1977,V----,N0009, 0041-0044<br/>SECONDARY OXIDATION OF STEEL IN THE TAPPING<br/>SPOUT WHEN TAPPING AN OPEN HEARTH FURNACE<br/>BISI 16767</p>                                  | 000000146328 |
| <p>TSIKARIDZE, N. N.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIA//<br/>00/00/1977,V----,N0009, 0051-0053<br/>THE HEAT OF PHOSPHORUS IN MANGANESE<br/>BISI 16768</p>                                                                                    | 000000259892 |
| <p>YAVOISKIY, V. I.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1980,V----,N0011, PP 0013-0016<br/>GENERATION AND FORMING OF NON-METALLIC INCLUSIONS<br/>IN A METAL MELT<br/>BISI 19782</p>                                               | 000000115057 |
| <p>STARCHENKO, D. I.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>EFFECT OF THE JOINT ACTION OF THE LUBRICANTS KOS-1<br/>AND DISON IN THE COLD ROLLING OF TRANSFORMER STEEL<br/>*BISI 16365</p>                                                  | 000000100376 |
| <p>LAPTEV, D. M.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>UCHEBNIKH ZAVEDENII//<br/>00/00/1976,V----,N0002, PP 0022-0026<br/>THERMODYNAMIC CHARACTERISTICS OF THE REACTIONS<br/>IN THE SI-O-C SYSTEM. COMMUNICATION NO. 2<br/>BISI 14358</p> | 000000146504 |
| <p>LYAKHOVICH, L. S.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>THE RESISTANCE OF CASE-HARDENED CHROMIUM STEELS</p>                                                                                                                            |              |

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| TO ABRASIVE WEAR.<br>#BISI 17332                                                                                                                                                                                   | # | 000000068091 |
| LYKASOV, A. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/0000,V----,N----,<br>THERMODYNAMICS OF SOLID SOLUTIONS OF COBALTOUS<br>OXIDES AND WUSTITE<br>BISI 14540                                         | # | 000000180310 |
| MINTS, R. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/0000,V----,N----,<br>DEFORMATION STRUCTURE ON A METALLIC FRAGMENT OF<br>LUNAR SUBSTANCE<br>BISI:L.STG 4.00 11975                                  | # | 000000236244 |
| KIRILTSEV, V. T.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/0000,V----,N----,<br>LAWS FOR THE STRUCTURE OF TURBULENCE OF<br>AXISYMMETRICAL JETS IN AN ACCOMPANYING CURRENT<br>15 PP<br>BLD 5828.4F(25563) | # | 000000042017 |
| NEFEDOV, A. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/0000,V----,N0006, PP 0077-0082<br>EFFECT OF THE FEED ANGLE OF STOCK ON<br>GRIPPING WHEN ROLLING ON MILLS WITH ON<br>DRIVEN ROLL<br>BISI 13711   | # | 000000146805 |
| MELIKHOVA, Z. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/0000,V----,N0012, PP 0164-0167<br>OPTIMIZATION OF OPERATIONAL CONTROL OF OPEN-HEARTH<br>HEAT<br>#BISI 17144                                   | # | 000000151184 |
| MALIKHOVA, Z. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/0000,V----,N0012, PP 0164-0167<br>OPTIMIZATION OF OPERATIONAL CONTROL OF OPEN-<br>HEARTH HEAT<br>BISI 17144                                   | # | 000000182325 |
| KRICHEVSKAYA, O. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1963,V0008,N----, PP 1806-1808<br>A STUDY OF THE KINETICS OF THERMAL DECOMPOSITION<br>OF SOLID CARBON COMPOUNDS OF METALS<br>NTC-73-13523  | # | 000000023295 |
| GRIDNEV, V. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1964,V----,N0001, PP 0157-0161<br>ELECTRIC TEMPERING OF LOW-CARBON VANADIUM<br>MANGANESE STEELS<br>BISI 13546                                   | # | 000000032107 |
| KAGANOV, V. YU.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1965,V----,N0001, PP 0171-0174                                                                                                                 |   |              |

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| AUTOMATIC MONITORING OF THE COMPOSITION OF<br>POWDER MATERIALS BY THE T.E.M.F. AND<br>ELECTRICAL RESISTANCE METHODS<br>BISI 13245                                                                       | # | 000000179338 |
| KRIVOSEYEV, YA. YE.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1965,V0008,N0012, PP 0126-0131<br>ENGLISH TITLE UNKNOWN<br>ASELT 799/73<br>CDS:FF IT 9609                                       | # | 000000167987 |
| PASHKEYEV, I. YU.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1967,V0010,N0002, PP 0005-0009<br>CALCULATION OF THE SOLUBILITY OF CARBON IN<br>ALLOYS OF SILICON AND CALCIUM<br>NTC-73-11556     | # | 000000027934 |
| AKMETOV, G. SH.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1968,V----,N0011, PP 0131-0134<br>STUDY OF THE PENETRATION OF METALLIC MELTS INTO<br>CAPILLARY-POROUS MATERIALS<br>NTC 74-11350-11F | # | 000000197480 |
| AKMETOV, G. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1968,V0011,N----, PP 0131-0134<br>STUDY OF THE PENETRATION OF METALLIC MELTS<br>INTO CAPILLARY-POROUS MATERIALS<br>CSIRO 11451       | # | 000000230390 |
| AKMETOV, G. SH.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1968,V0011,N----, PP 0131-0134<br>STUDY OF THE PENETRATION OF METALLIC MELTS INTO<br>CAPILLARY-POROUS MATERIALS<br>NTC-74-11350     | # | 000000221772 |
| LEVI, L. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1969,V----,N0007, PP 0151-0154<br>RESEARCH INTO THE INFLUENCE OF IMPURITIES ON THE<br>SURFACE TENSION OF IRON MELTS<br>HSE 8745         | # | 000000265786 |
| PYZHOV, V. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1969,V0012,N---, PP 0044<br>EFFECT OF SOME FACTORS ON SULPHATE FORMATION<br>DURING SINTERING 5 PP<br>CRL T-5791                       | # | 000000199393 |
| GUREVICH, YU. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1969,V0012,N0004, PP 0010-0012<br>INTERACTION OF TITANIUM NITRIDES WITH OXYGEN<br>AND CARBON DIOXIDES<br>NTIS N-73-31035           | # | 000000166498 |
| POEL, S. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1969,V0012,N0008, PP 0005-0008                                                                                                          |   |              |

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| PHYSICO-CHEMICAL PROPERTIES OF WHEEL STEEL AND ITS DEOXIDATION PRODUCTS<br>TIB AD-747-828                                                                                                                                     | # | 000000268917 |
| KUDIN, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1969,V0012,N0011, PP 0132-0135<br>THE EFFECT OF AUSTENITE STRUCTURE FLAWS ON CARBON DIFFUSION<br>NTIS N72-25516                                              | # | 000000198100 |
| CHUTKIN, V. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1969,V0012,N0012, PP 0139-0140<br>SEVERAL CHARACTERISTICS OF THE GAS FLOW MOVEMENT IN A DENSE LAYER<br>TIB AD-747-829                                      | # | 000000179737 |
| LEVIN, B. E.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1970,V----,N0001, PP 0113-0115<br>FORMATION CONDITIONS AND PROPERTIES OF ALLOYED LITHIUM-CONTAINING FERRITES<br>BISI 18392                                   | # | 000000205934 |
| LONGINOV, V. T.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1970,V----,N0005, PP 0055-0060<br>SLAG CONDITIONS IN BLAST FURNACE<br>*BISI 13500                                                                         | # | 000000205941 |
| LONGINOV, V. T.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1970,V----,N0005, PP 0055-0060<br>SLAG CONDITIONS IN BLAST FURNACE<br>*BISI 13500                                                                         | # | 000000265386 |
| ARSENTEV, P. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1970,V0013,N0003, PP 0018-0022<br>ELECTRICAL CONDUCTIVITY OF IRON AND IRON-CARBON MELTS<br>CRL T-5842                                                     | # | 000000206255 |
| GRUZDEV, YU. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1970,V0013,N0005, PP 0051-0055<br>VISCOSITY AND MELTING TEMPERATURE OF SLAGS USED IN TEEMING STEEL<br>BLL ASL18/GB 41/10163                               | # | 000000242672 |
| ZENSKIY, S. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1970,V0013,N0010, PP 0086-0090<br>SELF-DIFFUSION OF IRON IN THE VOLUME AND ALONG THE GRAIN-BOUNDARIES OF TRANSFORMER STEEL 12 PP<br>BLL: 8052.98F:RTS 7950 | # | 000000178923 |
| LITOVCHENKO, YU. K.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1970,V0013,N0012, PP 0126-0128<br>CARBURIZING OF STEEL COMPONENTS AT HIGH TEMPERATURES<br>BLL L,STG 8052.98 F:RTS 8403                                | # |              |

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| <p> MOKROV, A. P.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1971,V----,N0002, PP 0022-0026<br/> STUDY OF THE PARAMETERS OF CR DIFFUSION DURING<br/> THE VACUUM CHROMIZING OF AN ALLOY STEEL<br/> *NTIS TT 80-58238 </p>                                       | 000000209697 |
| <p> MOKROV, A. P.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1971,V----,N0002, PP 0022-0026<br/> DETERMINATION OF THE DIFFUSION PARAMETERS OF<br/> CHROMIUM DURING THE VACUUM CHROMIZING OF<br/> LOW-CARBON STEEL<br/> NTC 80-13521-11F </p>                   | 000000247821 |
| <p> POSTOVSTEV, S. T.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1971,V0014,N0002, PP 0061-0063<br/> ACTIVITY OF COMPONENTS IN THE BINARY ALLOYS SI-AL<br/> SI-MN AND SI-CR<br/> BLL ASLIB/GB -41/9380 </p>                                                    | 000000210527 |
| <p> ABZALOV, YU. M.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1971,V0014,N0002, PP 0142-0145<br/> STUDY OF THE THERMAL CONDUCTIVITY OF A LAYER<br/> OF LUMPY MATERIAL<br/> TIB AD-747-813 </p>                                                                | 000000207256 |
| <p> GLEBOVA, F. D.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1971,V0014,N0008, PP 0133-0136<br/> STRUCTURAL CHANGES IN SUPERPLASTIC OR NI-FE<br/> ALLOYS DURING HIGH TEMPERATURE ELONGATION<br/> MIL RTS 13237<br/> NTC-73-13237 </p>                         | 000000168091 |
| <p> MITKALINNYI, V. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1971,V0014,N0009, PP 0156-0159<br/> EFFECT OF THE INTENSITY OF AIR FLOW INVOLUTION<br/> ON MASS TRANSFER IN A FLAME<br/> BLL ASLIB/GB 412/T1587/GC/MRS/M9070/72 </p>                         | 000000178560 |
| <p> ARKULIS, G. E.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V----,N----, PP 0102-0105<br/> USE OF THE VIDEOPLASTIC METHOD TO DETERMINE THE<br/> CONTACT AND INTERLAYER TANGENTIAL STRESSES DURING<br/> THE UPSETTING OF A BIMETAL<br/> BISI 10896 </p>  | 000000103903 |
| <p> ARKULIS, G. YE.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V----,N----, PP 0102-0105<br/> USE OF THE VIDEOPLASTIC METHOD TO DETERMINE THE<br/> CONTACT AND INTERLAYER TANGENTIAL STRESSES DURING<br/> THE UPSETTING OF A BIMETAL<br/> BISI 10896 </p> | 000000112123 |
| <p> VITYUGIN, V. M.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V----,N0006, PP 0036-0043<br/> OPERATION OF A PLATE PELLETIZER </p>                                                                                                                        | 000000087699 |

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| #ERDA/TIC                                                                                                                                                                                                              | # | 000000095763 |
| VITYUGIN, V. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V----,N0006, PP 0036-0043<br>OPERATION OF A PLATE PELLETIZER<br>#ERDA/TIC                                                                     | # |              |
| KOZHEUROV, V. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V----,N0008, PP 0010-0013<br>THERMODYNAMIC PROPERTIES OF VANADIUM<br>NTC 75 11889-11F                                                        | # | 000000043033 |
| KOZHEUROV, V. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V----,N0008, PP 0010-0013<br>THERMODYNAMIC PROPERTIES OF VANADIUM<br>NTC 75 11889-11F                                                        | # | 000000054402 |
| ANDREYEV, L. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0001,N----, PP 0010B-0021<br>THE HYDROGENATION OF METALS UPON INTERACTION<br>WITH WATER<br>NASA-TM-75362                                     | # | 000000160908 |
| ANDREYEV, L. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0001,N----, PP 0018-0021<br>HYDROGEN ABSORPTION OF METALS DURING THEIR<br>INTERACTION WITH WATER<br>#NASA TM 75362                           | # | 000000167361 |
| VISHKAREV, A. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0003, PP 0050-0052<br>CARBON AND CHROMIUM ELIMINATION IN NICKEL ALLOYS<br>INJECTED WITH OXYGEN<br>BLL LIB/GB-41/10403                 | # | 000000265341 |
| DYUBANOV, V. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0003, PP 0069-0071<br>ENTHALPY OF SOLUTION OF ALUMINIUM IN MELTS OF<br>IRON, COBALT AND NICKEL<br>BLL LIB/GB-41/10404                  | # | 000000265339 |
| ZAKHAROVA, T. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0008, PP 0017-0020<br>SURFACE TENSION OF ZINC, ITS WETTING OF IRON<br>AND THE ADHESION OF PHASES 5 PP<br>BLL:L.STG 9022.06:B1S1-10889 | # | 000000210398 |
| YELYUTIN, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0009, PP 0005-0007<br>THE MECHANISM OF VOLATILIZATION OF VANADIUM<br>PENTOXIDE<br>BLL 5828.4F:M 21570                                  | # | 000000162222 |
| ARMYANOVA, L. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//                                                                                                                                                            | # | 000000204089 |

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| 00/00/1972,V0015,N0009, PP 0008-0012<br>STUD OF THE PROPERTIES OF SULPHIDES USING THE<br>E.M.F. METHOD WITH SOLID ELECTROLYTES 12 PP<br>BLL 5828.4F:M21571                                                                             | # | 000000204090 |
| MINAYEV, YU. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0009, PP 0013-0015<br>THE WETTING OF ZIRCONIUM NITRIDE WITH NI-CO<br>ALLOYS<br>BLL 5828.4F:M 21572                                                     | # | 000000209538 |
| FILIPPOV, S. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0009, PP 0016-0020<br>THE PROPERTIES OF BINARY METAL MELTS AND<br>STRUCTURAL CHANGES ON THE BASIS OF ULTRASONIC<br>MEASUREMENTS<br>BLL 5828.4F:M 21573 | # | 000000209537 |
| LEVIN, YA. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0009, PP 0059-0060<br>EFFECT OF THE POURING PROCEDURE ON THE PROPERTIES<br>OF STEEL COPPER INGOTS AND WIRE<br>BLL 5828.4F:M21574                         | # | 000000204027 |
| OKHRIMENKO, YA. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0009, PP 0080-0082<br>KINEMATICS OF THE SWAGING PROCESS DURING<br>NONPLANAR MATING<br>BLL 5828.4 F:M 21575                                          | # | 000000190486 |
| VISHNYAKOV, YA. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0009, PP 0116-0119<br>EFFECTS OF FLUCTUATIONS IN COMPOSITION AND<br>TEMPERATURE ON THE ENERGY OF PACKING DEFECTS<br>10 PP<br>BLL 5828.4F:M 21576    | # | 000000198130 |
| GRIGOREV, G. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0009, PP 0120-0122<br>THE EQUILIBRIUM CONDITIONS FOR A MULTICOMPONENT<br>LIQUID AT THE SURFACE OF A SOLID BODY<br>BLL 5828.4 FM 21577                  | # | 000000190545 |
| GLINKOV, M. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0009, PP 0147-0150<br>THE AERODYNAMIC BEHAVIOUR OF SOAKING PITS FIRED<br>BY A SINGLE TOP BURNER<br>BLL 5828.4F:M 21578                                 | # | 000000198102 |
| VAINER, M. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0009, PP 0156-0161<br>AN APPROXIMATE MODEL OF LAMINAR FLOW ALONG<br>THE SURFACE OF A MEMBRANE<br>BLL 5828.4F.M 21579                                     | # | 000000198129 |
| FILIPPOV, YE. S.                                                                                                                                                                                                                       |   |              |



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| <p>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0009, PP 0169-0173<br/> A NEW PHENOMENON IN MOLTEN METALS AND<br/> SEMICONDUCTORS<br/> BLL 5828.4F:M 21580</p>                                                                                                                             | # | 000000209548 |
| <p>VEITSMAN, YE. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0009, PP 0182-0184<br/> REGARDING THE INTERPRETATION OF CRITICAL<br/> CONCENTRATION LETTER TO THE EDITORS<br/> BLL 5828.4F:M 21581</p>                                                                               | # | 000000181782 |
| <p>NIKITIN, YU. P.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0010, PP 0005-0007<br/> THE TEMPERATURE DEPENDENCE OF THE VISCOSITY<br/> OF MOLTEN BOROSILICATES 4 PP<br/> BLL 5828.4F:M 21596</p>                                                                                    | # | 000000242671 |
| <p>PETRUSHEVSKIY, M. S.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0010, PP 0017-0020<br/> EFFECTS OF THE SHORT-RANGE ORDER ON THE ENERGY<br/> OF INTER-ATOMIC REACTION AND HEAT OF<br/> DISPLACEMENT OF MOLTEN ALLOYS OF NICKEL AND<br/> SILICON 8 PP<br/> BLL 5828.4F:M 21597</p> | # | 000000242662 |
| <p>ARZAMASTSEV, YE. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0010, PP 0056-0060<br/> EXPERIENCE OF PRODUCING SYNTHETIC SLAGS BASED<br/> ON DUMPED H-FURNACE SLAGS 10 PP<br/> BLL 5828.4F:M 21598</p>                                                                           | # | 000000242616 |
| <p>CHELISHEV, N. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0010, PP 0108-0111<br/> INVESTIGATION OF THE DEFORMED STATE WITH FLASH<br/> OVERFLOW 8 PP<br/> BLL 5828.4F:M 21599</p>                                                                                               | # | 000000231086 |
| <p>VASIN, YU. P.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0010, PP 0147<br/> COMPLEX ASSESSMENT OF BURNT ON MATERIALS<br/> NLL 5828.4F:M-21600</p>                                                                                                                                | # | 000000209327 |
| <p>GUBA, V. M.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0010, PP 0150-0154<br/> THE CALCULATION OF TEMPERATURE AND STRESSES IN A<br/> CYLINDER HEATED WITH A CONSTANT HEAT FLOW 5 PP<br/> BLL AS 5828.4F:M 21601</p>                                                              | # | 000000168178 |
| <p>KRYUCHKOV, E. N.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0010, PP 0155-0157<br/> INVESTIGATION OF HEAT TRANSFER FROM A POLYDISPERSE<br/> LOOSE MATERIAL TO A TUBE SURFACE LOCATED<br/> TRANSVERSELY TO THE DIRECTION OF FLOW 2<br/> NLL 5828.4F:M 21602</p>                   | # |              |

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| <p>TSYMBAL, V. P.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0010, PP 0158-0162<br/> AN ACTIVE EXPERIMENT USING AN INDUSTRIAL<br/> COMPUTER FOR REPRESENTING AND OPTIMIZING<br/> AN OPEN-HEARTH FURNACE HEAT 10 PP<br/> BLL 5828.4F:M 21603</p>                                    | 000000242781 |
| <p>NEKHOROSHEV, A. M.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0010, PP 0163-0166<br/> IMPROVEMENT IN A STATIC CONVERTER MELT CONTROL<br/> ALGORITHM 7 PP<br/> BLL 5828.4F:M 21604</p>                                                                                           | 000000242674 |
| <p>AYDEEV, V. P.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0010, PP 0171-0175<br/> METHODS OF REPRESENTING OBJECTS IN FUNCTION<br/> SPACES 10 PP<br/> BLL 5828.4F:M 21605</p>                                                                                                     | 000000242617 |
| <p>SHTETS, K. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0010, PP 0176-0180<br/> ANALYSIS AND OPTIMUM PLANNING BY MATHEMATICAL<br/> METHODS OF STEEL-ROLLED PRODUCT SYSTEMS IN A<br/> METALLURGICAL WORKS. PART 2<br/> BLL 5828.4F:M 21606</p>                                  | 000000242663 |
| <p>KOSTIKOV, V. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0011, PP 0016-0017<br/> THE TEMPERATURE COEFFICIENT OF THE FREE SURFACE<br/> ENERGY OF PYROGRAPHITE<br/> NLL 5828.4F:M 21607</p>                                                                                     | 000000198961 |
| <p>FILIPPOV, S. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0011, PP 0018-0024<br/> PROPERTIES OF SULPHATE STUDIED BY THE E.M.F.<br/> METHOD WITH A SOLID ELECTROLYTE. PART 2.<br/> OXYSULPHIDE PHASE AND NON-STOICHIOMETRY OF<br/> SULPHIDES 18 PP<br/> NLL 5828.4F:M 21608</p> | 000000182314 |
| <p>YETELIS, L. S.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0011, PP 0050-0053<br/> AN INVESTIGATION OF THE EFFECT OF VITRIUM ON THE<br/> DENSITY OF STEELS<br/> NLL 5828.4F:M 21609</p>                                                                                          | 000000268817 |
| <p>BOLSHOV, L. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0011, PP 0060-0062<br/> TEMPERATURE DEPENDENCE OF NITROGEN SOLUBILITY<br/> ON MELTS OF IRON WITH TRANSITION METALS<br/> NLL 5828.4F:M 21610</p>                                                                       | 000000268816 |
| <p>DENISOV, P. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1972,V0015,N0011, PP 0071-0073<br/> THE USE OF THE MOIRE METHOD IN THE INVESTIGATION</p>                                                                                                                                          | 000000168073 |

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| OF SHEET FLATNESS<br>NLL 21611                                                                                                                                                                                                                                   | # | 000000231096 |
| ZHELEZNOV, YU. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0011, PP 0091-0094<br>REDISTRIBUTION OF STRESS OVER THE WIDTH OF THE<br>STOCK IN THE INTER-STAND SPACE<br>NLL 5828.4F:M-21612                                                  | # | 000000268815 |
| BYCHKOV, YU. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0011, PP 0118-0121<br>STUDY OF ELECTRICAL TRANSFER IN MOLTEN AG-GE<br>AND CU-GE AT 1100 DEGREES C.<br>NLL 5828.4F:M 21613                                                        | # | 000000268814 |
| FILIPPOV, YE. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0011, PP 0122-0127<br>THE PHENOMENON OF CHANGE INTO A STRUCTURELESS<br>LIQUID IN PURE METALS AND SEMICONDUCTORS<br>NLL 5828.4F:M-21614                                          | # | 000000268813 |
| SHUKYUROV, R. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0011, PP 0139-0142<br>EFFECTS OF ALLOYING ON THE STRUCTURE AND<br>PROPERTIES OF STEEL FOR DEEP HUMP RODS<br>NLL 5828.4F:M-21615                                                 | # | 000000268915 |
| DORONIN, E. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0011, PP 0143-0144<br>EFFECTS OF HOMOGENIZING ANNEALING ON THE<br>TECHNOLOGICAL EFFECTIVENESS OF KH25N16G7 STEEL<br>SUBJECTED TO TREATMENT HOT<br>NLL 5828.4F:M 21616             | # | 000000268914 |
| ANKVAB, K. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0011, PP 0158-0160<br>INVESTIGATION OF THE ANNEALING OF WHITE IRON<br>IN LITHIUM VAPOUR<br>NLL 5828.4F:M-21617                                                                     | # | 000000268913 |
| KAGANOV, V. YU.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0011, PP 0164-0168<br>APPROXIMATE METHODS OF CALCULATING THE DIRECT<br>PROBLEM IN OPTIMIZING THE HEATING OF METAL<br>REPORT 1<br>NLL 5828.4F:M 21618                             | # | 000000268902 |
| SOKOLOVA, N. K.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1972,V0015,N0011, PP 0182-0185<br>STATISTICAL METHODS OF ECONOMIC MATHEMATICAL<br>MODELLING OF THE MANAGEMENT OF STOCKS OF<br>MATERIALS AT A METALLURGICAL ENTERPRISE<br>NLL 5828.4F:M 21619 | # | 000000231085 |
| KAPUSTIN, E. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//                                                                                                                                                                                                       |   |              |

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| 00/00/1972,V0015,N0011, PP 0186-0187<br>MODELLING THE BLOWING OF MOLTEN STEEL WITH OXYGEN<br>NLL 5828.4F:M-21620                                                                                                             |              |
| ZHADAN, V. T.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/L973,V0016,N0003, PP 0066-0069<br>INVESTIGATION OF THE DEFORMATION HEAT IN SOKHGA<br>STEEL<br>BISI 11522                                                   | 000000161865 |
| BAPTIZMANSKIY, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0001, PP 0045-0048<br>THE ABSORPTION OF HYDROGEN BY THE OH BATH<br>BISI 11427                                                           | 000000032702 |
| ALYUSHIN, YU. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0002, PP 0095-0099<br>THE STRESS AND STRAIN STATE IN AXISYMMETRIC AL<br>UPSETTING<br>BISI 11475                                             | 000000007848 |
| AZBUKIN, S. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0003, PP 0161-0163<br>A MONOGRAM FOR CALCULATING THE HEATING AND<br>MELTING OF PLATES IN A FURNACE AT A CONSTANT<br>TEMPERATURE<br>BISI 11534 | 000000068092 |
| AZBUKIN, S. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0003, PP 0161-0163<br>A MONOGRAM FOR CALCULATING THE HEATING AND<br>MELTING OF PLATES IN A FURNACE AT A CONSTANT<br>TEMPERATURE<br>BISI 11534 | 000000089771 |
| GLINKO, M. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0005, PP 0178-0180<br>EVALUATION OF AVERAGE SIGNIFICANCE OF OPERATING<br>PARAMETERS IN OH FURNACE FINISHING PERIODS<br>BISI 11725              | 000000017670 |
| DEMIDOV, K. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0006, PP 0037-0040<br>THE REACTION BETWEEN SOLID FERROSILICON AND<br>MOLTEN SLAG<br>BISI 11785                                                | 000000020197 |
| POVLOV, I. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0007, PP 0075-0078<br>VARIATION IN THE CONTOUR AND DISTRIBUTION<br>OF TENSION STOCK DURING COLD-ROLLING<br>BISI 11884                          | 000000017869 |
| FILIPPOV, YE. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0007, PP 0122-0128                                                                                                                          | 000000032999 |

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| THEORETICAL CALCULATION OF THE SOLUBILITY<br>OF HYDROGEN IN SOLID AND LIQUID METALS<br>ERD/UCRL/TRANS-10735-74                                                                                                                                   | # |              |
| GRINBERG, B. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0007, PP 0133-0135<br>ELECTRON PROBE MICRO-ANALYSIS ON THE DIFFUSION<br>LAYER IN TITANIUM-STEEL CLAD METAL<br>BISI 11890                                         | # | 000000017871 |
| LEBEDEV, A. E.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0010, PP 0036-0039<br>DETERMINATION OF THE OPTIMUM CARBON CONTENT IN THE<br>MIX FOR TWO-MIX SINTERING WITH THE USE OF AN ELECT<br>COMPUTER<br>BISI 12082          | # | 000000000922 |
| ALYUSHIN, YU. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0010, PP 0068-0072<br>KINEMATICALLY POSSIBLE RATE FIELDS FROM RIGID<br>ASSEMBLIES FOR PROCESSES OF THREE-DIMENSIONAL<br>DEFORMATION<br>BISI 12087               | # | 000000007849 |
| TKACHENKO, YE. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0011, PP 0014-0017<br>KINETICS OF THE REDUCTION OF SOLID SOLUTIONS<br>OF MOLYBDATE IN CALCIUM TUNGSTENATE BY<br>HYDROGEN<br>NTC 75 12056-11F                   | # | 000000043041 |
| TKACHENKO, YE. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0011, PP 0014-0017<br>KINETICS OF THE REDUCTION OF SOLID SOLUTIONS<br>OF MOLYBDATE IN CALCIUM TUNGSTENATE BY<br>HYDROGEN<br>NTC 75 12056-11F                   | # | 000000054410 |
| SABELNIKOV, A. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0011, PP 0171-0174<br>TEMPERATURE FIELD AND THERMOELASTIC STRESSES<br>IN A CYLINDER OF UNLIMITED LENGTH WITH AN<br>INTERNAL SOURCE OF HEAT<br>NTC 75 12064-11F | # | 000000043044 |
| SABELNIKOV, A. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V----,N0011, PP 0171-0174<br>TEMPERATURE FIELD AND THERMOELASTIC STRESSES<br>IN A CYLINDER OF UNLIMITED LENGTH WITH AN<br>INTERNAL SOURCE OF HEAT<br>NTC 75 12064-11F | # | 000000054413 |
| MASHKOV, A. K.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N----, PP 0114-00117<br>SPECIAL FEATURES OF THE BREAKDOWN OF HIGH-STRENGTH<br>CAST IRON DURING THERMAL FATIGUE                                                     | # | 000000245114 |

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| SURGUKHEV, G. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0001, PP 0024-0027<br>QUANTITATIVE IDENTIFICATION AND INVESTIGATION OF<br>THE DYNAMICS OF DECARBURIZATION BY MEANS OF A<br>DIGITAL COMPUTER<br>BISI 11429 | # |              |
| ZYAZEV, V. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0001, PP 0028-0033<br>CORRELATION ANALYSIS OF THE QUALITY OF OPEN<br>HEARTH STEEL<br>BISI L.STG 11428                                                        | # | 000000205744 |
| BAPTIZMANSKIY, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0001, PP 0045-0048<br>THE ABSORPTION OF HYDROGEN BY THE OPEN HEARTH<br>BATH<br>BISI 11427                                                             | # | 000000161878 |
| SINITSYN, V. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0001, PP 0069-0072<br>THEORETICAL INVESTIGATION OF THE PROCESS OF<br>ASYMMETRIC ROLLING<br>BISI 11426                                                      | # | 000000178935 |
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| PULUKHIN, P. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0001, PP 0108-0111<br>INVESTIGATION ON THE DEFORMED STATE OF A STRETCHED<br>SPECIMEN BY MEANS OF THE MOIRE METHOD<br>BISI L.STG 11424                      | # | 000000172018 |
| KALASHNIKOV, YU. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0001, PP 0116-0118<br>INVESTIGATION OF THE ROUND-SQUARE SYSTEM<br>METAL ROLLING PROCESS IN 4-HIGH PASSES<br>BISI L.STG 11423                           | # | 000000206742 |
| ZALESSKIY, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0001, PP 0122-0125<br>GLASS COATINGS IN THE HOT PRESSING OF KH18N10T<br>STEEL<br>BISI 11422                                                               | # | 000000178974 |
| GOLDFARB, YE. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0001, PP 0159-0162<br>OPTIMISATION OF THE HEATING OF FINE BODIES                                                                                          | # | 000000227684 |

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LEVIN, S. L.  
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00/00/1973,V0016,N0002, PP 0049-0050  
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STARCHENKO, D. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
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BLL 5828.4F:M 21698 #

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POZDEYEV, YA. YA.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
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INVESTIGATION OF THE TEMPERATURE FIELD OF AN  
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ALYUSHIN, YU. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
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| UPSETTING<br>BISI L.STG 3.00 11475                                                                                                                                                                                                          | # |              |
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| BUNIN, K. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0002, PP 0123-0126<br>FORMATION OF PLATELET-ROD TYPE CARBIDE-AUSTENITE<br>COLONIES DURING THE SATURATION OF AN FE-W-CR-V MO<br>ALLOW WITH CARBON<br>BISI 11477 | # | 000000161850 |
| REPINA, L. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0002, PP 0127-0129<br>SELECTION OF CONDITIONS FOR THE SURFACE<br>STRENGTHENING OF CAST HARDENING STEELS<br>BISI L.STG 11478                                   | # | 000000177374 |
| FELDMAN, B. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0002, PP 0134-0136<br>MECHANISM OF THE FORMATION OF THERMAL CRACKS IN<br>HIGH CHROMIUM IRON<br>BISI 11479                                                    | # | 000000161866 |
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| RUDAKOV, G. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0003, PP 0037-0040<br>AN INVESTIGATION OF THE MECHANISM OF THE OXIDATION<br>OF CARBON IN LARGE OPEN HEARTH FURNACE BATHS<br>BISI 11518                       | # | 000000203928 |
| GUREVICH, YU. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0003, PP 0047-0048<br>KINETICS OF THE SOLUTION OF TITANIUM NITRIDE<br>IN THE IRON-CARBON-OXYGEN SYSTEM<br>BLL 5828.4 F:M 21710                             | # | 000000163322 |
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| MASTEROV, V. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0003, PP 0102-0105<br>RELATIONSHIP OF INTERNAL FLUCTUATIONS IN THICKNESS<br>IN CLAD METAL TO THE DRAWING AND ANNEALING<br>CONDITIONS 10 PP<br>BLL 5828.4 F:M 21717    | # | 000000206745 |
| STEFANOVICH, V. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0003, PP 0109-0113<br>EFFECT OF RIGIDITY OF THE ROLLED STOCK ON<br>THE SYSTEM LOOP LOOPER 13 PP<br>BLL F:M 21718                                                   | # | 000000248201 |
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| KUZNETSOV, G. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0003, PP 0121-0124<br>FORMATION OF CARBIDE COATINGS IN A GLOW<br>DISCHARGE 10 PP<br>BLL AS 5828.4 F:M21710                                 | # | 000000174218 |
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| KAGANOV, V. YU.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0003, PP 0174-0176<br>COMPOSITIONS OF PULVERIZED METALLIC SAMPLES<br>AUTOMATICALLY CONTROLLED BY THE THERMAL E.M.F.<br>METHOD<br>BISI 11525 | # | 000000138276 |
| VESELOV, N. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0003, PP 0177-0180<br>METHOD OF ASSESSING HOW EFFECTIVELY THE<br>TRAINING OF SPECIALISTS IN BEING UTILIZED 7 PP<br>BLL 5828.4F:M-21722       | # | 000000210406 |
| BOROVIK, G. R.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0004, PP 0005-0008<br>MECHANISM OF PROCESS FOR DEPHOSPHORIZING IRON<br>AND MANGANESE BY ALKALI METHODS 8 PP<br>BLL AS 5828.4 F:M21744        | # | 000000210405 |
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| AGEYEV, M. N.                                                                                                                                                                                                               |   |              |

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| <p>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0004, PP 0032-0035<br/>EFFECTS OF NITROGEN ON SUSCEPTIBILITY TO THE<br/>SPLITTING OF DISLOCATIONS IN NIOBUM 12 PP<br/>BLL AS 5828.4 F:M-21737</p>                                     | 000000171786 |
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| <p>SVIRIDENKO, S. F.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0004, PP 0062-0064<br/>THE KINETICS OF THE OXIDATION OF PHOSPHORUS IN A<br/>MOLTEN STEEL BATH DURING REACTION WITH THE SLAG<br/>BISI 11621</p>                  | 000000210416 |
| <p>IVANOV, A. I.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0004, PP 0070-0073<br/>KINETICS OF DRYING MANGANESE ORE<br/>CONCENTRATES IN GAS BED INSTALLATIONS 8 PP<br/>BLL AS 5828.4 F:M 21740</p>                              | 000000210402 |
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| <p>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0004, PP 0179-0183<br/> THE ECONOMIC EFFECTIVENESS OF USING OXIDISED<br/> SIDE RECOVERY FERROUS QUARTZITES<br/> BISI 11626</p>                                       | # | 000000225460 |
| <p>GRIGORYAN, V. A.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0010-0012<br/> EVAPORATION OF CHROMIUM FROM NICKEL BASED ALLOYS<br/> 5 PP<br/> BLL 5828.4 F:M 21770</p>                               | # | 000000214933 |
| <p>GRIGORYEV, G. YA.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0013-0016<br/> WETTING KINETICS IN CONDITIONS OF INTENSIVE<br/> SOLUTION 8 PP<br/> BLL 5828.4F:M 21771</p>                           | # | 000000217366 |
| <p>KOSTIKOV, V. I.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0017-0019<br/> FEATURES OF THE IMPREGNATION OF GRAPHITE WITH<br/> LIQUID REFRACTORY METALS 8 PP<br/> BLL 5828.4F:M 21772</p>           | # | 000000198924 |
| <p>OKHOTSKII, B. V.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0024-0027<br/> STUDY OF THE PROCESS OF CARBON BURN OFF IN THE<br/> OPEN HEARTH FURNACE BY MEANS OF CINEMATOGRAPHY<br/> BISI 11702</p> | # | 000000231052 |
| <p>OKHOTSKIY, V. B.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0024-0027<br/> STUDY OF THE PROCESS OF CARBON BURN OFF IN THE<br/> OPEN HEARTH FURNACE BY MEANS OF CINEMATOGRAPHY<br/> BISI 11702</p> | # | 000000231054 |
| <p>VYMETAL, D.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0032-0034<br/> CALCULATIONS OF THE DYNAMIC CHARACTERISTICS OF<br/> THE UPPER PART OF THE BLAST FURNACE<br/> BISI 11703</p>                 | # | 000000161857 |
| <p>NOTYCH, A. G.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0039-0042<br/> OPTIMIZATION OF DUST EXTRACTION ON THE SLAG<br/> POCKETS OF OPEN-HEARTH FURNACES<br/> BISI 11704</p>                      | # | 000000198938 |
| <p>NOTYCH, A. G.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0039-0042<br/> OPTIMIZATION OF DUST EXTRACTION ON THE SLAG<br/> POCKETS OF OPEN HEARTH FURNACES<br/> BISI 11704</p>                      | # | 000000177409 |
| <p>BOLUNOV, V.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//</p>                                                                                                                                                                        |   |              |

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| 00/00/1973,V0016,N0005, PP 0061-0062<br>COMPENSATION OF THE EFFECT OF WOBBLE OF MILL<br>ROLLS IN REGULATING SHEET THICKNESS<br>BISI:L.STG AS 11705                                                    | # | 000000198937 |
| IKUNOV, V. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0061-0062<br>COMPENSATION OF THE EFFECT OF WOBBLE OF MILL<br>ROLLS IN REGULATING SHEET THICKNESS<br>BISI 11705 | # | 000000168228 |
| ZHELEZNOV, YU. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0063-0067<br>CALCULATION OF THE ROLLING FORCES DURING HOT<br>ROLLING<br>BISI 11706                         | # | 000000227351 |
| ZHELEZNOV, YU. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0063-0067<br>CALCULATION OF THE ROLLING FORCES DURING HOT<br>ROLLING<br>BISI L.STG 11706                   | # | 000000163082 |
| KOKOVIKHIN, YU. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0068-0071<br>CALCULATION OF A FOUR ROLL ROUND SQUARE<br>REPORT ONE<br>BISI L.STG 4.00 11707               | # | 000000168227 |
| KONOVIKHIN, YU. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0068-0071<br>CALCULATION OF THE ROLLING FOUR ROLL ROUND<br>SQUARE SYSTEM REPORT 1.<br>BISI 11707          | # | 000000168225 |
| POTOSKUEV, M. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0081-0083<br>SPREAD DUE TO REDUCTION INHOMOGENEITY DURING<br>ROLLING<br>BISI 11708                          | # | 000000177408 |
| POTOSHUEV, M. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0081-0083<br>SPREAD DUE TO REDUCTION INHOMOGENITY DURING<br>ROLLING<br>BISI:L.STG AS 11708                  | # | 000000227650 |
| OKHRIMENKO, YA. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0084-0088<br>THE DEFORMABILITY OF METALS DURING PRESSURE<br>WORKING 8 PP<br>BLL 5828.4 F:M 21764          | # | 000000227347 |
| ALEKSANDROVICH, A. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0095-0097                                                                                              |   |              |

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| THEORETICAL DETERMINATION OF SLIP RATES IN CROSS<br>HELICAL ROLLING 8 PP<br>BLL 5828.4F:M 21773                                                                                                                                                                     | # |              |
| PLICHKO, N. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0098-0101<br>CALCULATION OF THE RESISTANCE TO DEFORMATION OF<br>STEEL IN HOT ROLLING<br>BISI 11709                                                                          | # | 000000168226 |
| PLICHKO, N. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0098-0101<br>CALCULATION OF THE RESISTANCE TO DEFORMATION<br>OF STEEL IN HOT-ROLLING<br>BISI:L:STG AS 11709                                                                 | # | 000000177405 |
| CHEKHAREV, A. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0102-0105<br>INVESTIGATION OF THE INTERSTAND DEFORMATION<br>DURING THE ROLLING IN HIGH SECTION MILLS<br>BISI 11710                                                        | # | 000000168038 |
| CHEKHAREV, A. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0102-0105<br>INVESTIGATION OF THE INTERSTAND DEFORMATION<br>DURING THE ROLLING IN LIGHT SECTION MILLS<br>BISI:L:STG AS 11710                                              | # | 000000177407 |
| GRUDEV, A. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0106-0111<br>CONTACT STRESSES AND BITTING FORCE DURING FORCED<br>BITE 9 PP<br>BLL 5828.4F:M 21774                                                                            | # | 000000217367 |
| FILIPPOV, E. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0112-0118<br>DETERMINATION OF THE HEATS OF PHASE TRANSFORMATION<br>IN AN MIXING IN LIQUID METALS AND ALLOYS FROM THE<br>HIGH RADIATION<br>BISI 11711                       | # | 000000168037 |
| GRIGORYEV, G. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0119-0122<br>CALCULATION OF THERMODYNAMIC FUNCTION CHANGES<br>OCCURRING DURING WETTING OF SOLID SURFACES BY<br>LIQUIDS 6 PP<br>BLL 5828.4 F:M 21775                      | # | 000000214932 |
| DOVGAEVSKIY, YA. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0005, PP 0123-0127<br>INVESTIGATION OF THE EFFECT OF THE ALPHA GAMMA<br>PHASE IN MAGNETIC ALLOYS OF THE MAGNIKO TYPE<br>ON REDUCTION OF BRITTLENESS 5 PP<br>BLL 5828.4F:M 21776 | # | 000000217368 |
| KIDIN, I. N.                                                                                                                                                                                                                                                        |   | 000000167483 |



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| <p>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0133-0136<br/> DIFFUSION CHROMISING OF OBKP STEEL DURING HEATING<br/> IN PASTE<br/> BISI 11712</p>                                                                        | # |              |
| <p>KIDIN, I. N.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0133-0136<br/> DIFUSION CHROMISING OF OBKP STEEL DURING HEATING<br/> IN PASTE<br/> BISI L.STG 11712</p>                                                 | # | 000000227353 |
| <p>ZHADAN, V. T.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0141-0144<br/> INVESTIGATION OF THE STRUCTURAL FORMATIONS<br/> DURING THE PRODUCTION OF SHELLS FOR CASING<br/> PIPES 7 PP<br/> BLL 5828.4F:M 21769</p> | # | 000000227336 |
| <p>OREKHOV, A. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0154-0157<br/> HIGH-TEMPERATURE CERAMIC COATINGS FOR FOUNDRY<br/> MOULDS 6 PP<br/> BLL 5828.4 F:M 21781</p>                                           | # | 000000217370 |
| <p>FEDOTKIN, I. M.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0158-0161<br/> STATIONARY NON-LINEAR THERMAL CONDUCTIVITY IN<br/> MULTI LAYER FLAT WALLS 9 PP<br/> BLL 5828.4 F:M 21777</p>                          | # | 000000214836 |
| <p>KADIROV, M. K.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0166-0169<br/> PULSATION OF A GAS BUBBLE IN LIQUID STEEL UNDER<br/> VACUUM<br/> BISI 11713</p>                                                        | # | 000000167482 |
| <p>KADIROV, M. K.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0166-0169<br/> PULSATION OF A GAS BUBBLE IN LIQUID<br/> STEEL UNDER VACUUM<br/> BISI 11713</p>                                                        | # | 000000210382 |
| <p>GLINKOV, M. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0178-0180<br/> EVALUATION OF AVERAGE SIGNIFICANCE OF OPERATION<br/> PARAMETERS IN OPEN HEARTH FURNACE FINISHING<br/> PERIODS<br/> BISI 11725</p>      | # | 000000168036 |
| <p>GLINKO, M. YA.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0178-0180<br/> EVALUATION OF AVERAGE SIGNIFICANCE OF<br/> OPERATING PARAMETERS IN OH FURNACES FINISHING<br/> PERIODS<br/> BISI 11725</p>              | # | 000000225579 |

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| <p>SHTETS, K. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0186-0188<br/> ASSESSMENT OF THE DEGREE OF RHYTHM IN OPEN<br/> HEARTH FURNACE OPERATION<br/> BISI 11726</p>                                                                     | 000000168207 |
| <p>SHTETS, K. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0005, PP 0186-0188<br/> ASSESSMENT OF THE DEGREE OF RHYTHM IN OPEN HEARTH<br/> FURNACE OPERATION<br/> BISI L.STG 11726</p>                                                               | 000000213210 |
| <p>PETRUSHEVSKIY, M. S.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0005-0008<br/> THE THERMODYNAMICS OF LIQUID SOLUTIONS WITH<br/> CHARACTERISTICALLY HIGH PLUS DEVIATIONS FORM THE<br/> LAW OF RAYLEIGH 9 PP<br/> BLL 5828.4 F:M 21801</p> | 000000271275 |
| <p>EFIMENKO, G. G.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0026-0028<br/> VARIATION IN STRENGTH OF AGGLOMERATED MAGNESIA<br/> BEARING IRON-ORE MATERIALS DURING THEIR REDUCTION<br/> 7 PP<br/> BLL 5828.4 F:M 21792</p>                  | 000000272607 |
| <p>GEINEMAN, A. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0029-0032<br/> THERMOPHYSICAL CHARACTERISTICS OF THE BOILING<br/> OPEN-HEARTH BATH<br/> BISI 11786</p>                                                                        | 000000161858 |
| <p>GEINEMAN, A. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0029-0032<br/> THERMOPHYSICAL CHARACTERISTICS OF THE<br/> BOILING OPEN HEARTH BATH<br/> BISI 11786</p>                                                                        | 000000174469 |
| <p>DEMIDOV, K. N.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0037-0040<br/> THE REACTION BETWEEN SOLID FERROSILICON<br/> AND MOLTEN SLAG<br/> BISI 11785</p>                                                                                | 000000174468 |
| <p>DEMIDOV, K. N.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0037-0040<br/> THE REACTION BETWEEN SOLID FERROSILICON AND<br/> MOLTEN SLAG<br/> BISI 11785</p>                                                                                | 000000225578 |
| <p>GOTLIB, B. M.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0063-0066<br/> SOLUTION OF STATISTICAL PROBLEMS OF THE PROCESSING<br/> OF METALS BY PRESSURE COMMUNICATION 2 10 PP<br/> BLL 5828.4 F:M 21788</p>                                | 000000272617 |

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| KAZAKOV, A. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0006, PP 0067-0071<br>OPTIMUM CONTROL IN HEATING LARGE DIES<br>BISI 11787                                                                                                                  | 000000174470 |
| KAZAKOV, A. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0006, PP 0067-0071<br>OPTIMUM CONTROL IN HEATING LARGE DIES<br>BISI:L.STG 11787                                                                                                            | 000000178222 |
| PROKOPEV, A. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0006, PP 0075-0080<br>SPREAD AND SHAPE OF THE WEB IN H-BEAM PASSES<br>BISI 11788                                                                                                          | 000000174471 |
| PROKOPEV, A. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0006, PP 0075-0080<br>SPREAD AND SHAPE OF THE WEB IN H-BEAM PASSES<br>BISI:L.STG 11788                                                                                                    | 000000178218 |
| TAITS, N. YU.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0006, PP 0081-0083<br>THE TEMPERATURE FIELD IN A CYLINDRICAL BODY<br>DURING ITS UPSETTING 6 PP<br>BLL 5828.4F:M 21800                                                                       | 000000272782 |
| ZINSKIY, YU. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0006, PP 0084-0088<br>THE USE OF AN EXPONENTIAL RELATIONSHIP FOR THE<br>SELECTION AND CONTROL OF TEMPERING PROCEDURE AND<br>THE ASSESSMENT OF THE HEAT RESISTANCE OF STEELS<br>BISI 11784 | 000000174647 |
| LOZINSKIY, YU. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0006, PP 0084-0088<br>THE USE OF AN RELATIONSHIP FOR THE SELECTION AND<br>CONTROL OF TEMPERING PROCEDURES AND THE<br>ASSESSMENT OF HEAT RESISTANCE OF STEELS<br>BISI 11784              | 000000272899 |
| GUL, YU. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0006, PP 0089-0092<br>MOBILITY OF DISLOCATIONS IN MILD STEEL IN<br>THE AGED STATE, AND ITS COLD SHORTNESS<br>IN THAT STATE<br>BISI 11783                                                      | 000000174472 |
| GUL, YU. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0006, PP 0089-0092<br>MOBILITY IF DISLOCATION IN MILD STEEL IN THE<br>AGED STATE AND ITS COLD SHORTNESS IN THAT<br>STATE<br>BISI 11783                                                        | 000000230214 |
| SLABODINSKIY, I. N.                                                                                                                                                                                                                                                       | 000000272610 |

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| <p>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0006, PP 0101-0103<br/>INVESTIGATION OF THE RESISTANCE OF WHITE<br/>CHROMIUM-NICKEL CAST IRONS TO HYDROCARBONS WEAR<br/>BLL 5828.4 F:M 21799</p>                                              | # | 000000174473 |
| <p>NIZHELSKIY, P. YE.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0006, PP 0104-0105<br/>THE INFLUENCE OF TITANIUM ON THE PROPERTIES<br/>OF HEAT-RESISTING CHROMIUM-MANGANESE STEEL<br/>BISI 11782</p>                                   | # | 000000198948 |
| <p>NIZHELSKIY, P. YE.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0006, PP 0104-0105<br/>THE INFLUENCE OF TITANIUM ON THE PROPERTIES OF<br/>HEAT RESISTANT CHROMIUM MANGANESE STEEL<br/>BISI L.STG 11782</p>                             | # | 000000272609 |
| <p>ROSHCHIN, V. E.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0006, PP 0110-0113<br/>INVESTIGATION OF NON-METALLIC INCLUSIONS<br/>CONTAINING RARE EARTH METALS 7 PP<br/>BLL 5828.4 F:M 21798</p>                                        | # | 000000174474 |
| <p>MASHKOV, A. K.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0006, PP 0114-0117<br/>SPECIAL FEATURES OF THE BREAKDOWN OF<br/>HIGH-STRENGTH CAST IRON DURING THERMAL FATIGUE<br/>BISI 11781</p>                                          | # | 000000272608 |
| <p>KHRAPOV, A. YA.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0006, PP 0118-0121<br/>CONSTRUCTING A DEFORMATION DIAGRAM FOR CAST IRONS<br/>WITH THE AID OF CINEMATOGRAPHY OF THE EXTENSION<br/>PROCESS 6 PP<br/>BLL 5828.4F:M 21793</p> | # | 000000143922 |
| <p>ARUTYUNOV, V. A.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0006, PP 0136-0139<br/>DISTRIBUTION OF A TURBULENT JET AGAINST THE<br/>WALLS OF A CHAMBER<br/>BLL 5828.4 F:M 21797</p>                                                   | # | 000000271274 |
| <p>POSTOLNIK, YU. S.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0006, PP 0140-0145<br/>INVESTIGATION OF THERMAL CONDUCTIVITY WITH<br/>FUNCTIONALLY DEPENDENT PARAMETERS 10 PP<br/>BLL 5828.4F:M 21795</p>                               | # | 000000174475 |
| <p>RYBALKO, L. G.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0006, PP 0146-0148<br/>USE OF THE METHOD OF GROUP INCLUSION OF THE<br/>ARGUMENTS FOR THE DEVELOPMENT OF A MODEL OF THE<br/>OXYGEN-CONVERTER PROCESS<br/>BISI 11779</p>     | # |              |

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| <p>DUBROVSKIY, S. YA.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0150-0153<br/> DISCRIMINATION OF THE INFORMATIVE CRITERIA FOR<br/> DESCRIBING METALLURGICAL PROCESSES IN A<br/> FUNCTIONAL SPACE 7 PP<br/> BLL 5828.4 F:M-21790</p>                  | 000000272606 |
| <p>LEVIN, M. Z.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0162-0165<br/> TORQUES FROM GEOMETRICAL SLIP IN STRAIGHTENING<br/> ROLLED SECTIONS<br/> BISI 11780</p>                                                                                     | 000000174646 |
| <p>LEVIN, M. Z.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0162-0165<br/> TORQUES FROM GEOMETRICAL SLIP IN STRAIGHTENING<br/> ROLLED SECTIONS<br/> BISI:L.STG 11780</p>                                                                               | 000000178217 |
| <p>MEDVEDEV, I. YA.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0171-0175<br/> ASSESSING THE STANDARD OF ORGANIZATION OF LABOUR<br/> AND PRODUCTION IN OPEN HEARTH FURNACES 8 PP<br/> BLL 5828.4 F:M 21794</p>                                         | 000000272603 |
| <p>KOBYLAKOV, I. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0006, PP 0176-0179<br/> THE PROBLEM OF DETERMINING THE LOSSES CAUSED BY<br/> THE MEAN NORM TIME TAKEN TO ACTIVE PLANNED<br/> METALLURGICAL PLANT CAPACITIES 10 PP<br/> BLL 5828.4 F:M 21796</p> | 000000272602 |
| <p>SUROVSKII, V. M.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0007, PP 0005-0007<br/> EFFECT OF CARBON CONCENTRATION ON MASS TRANSFER<br/> OF CARBON WHEN DISSOLVED IN MOLTEN IRON<br/> BLL 5828.4 F:M 21819</p>                                              | 000000272621 |
| <p>SVESHKOV, YU. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0007, PP 0015-0017<br/> SURFACE PROPERTIES OF FE-SI MELTS<br/> BISI 11879</p>                                                                                                                   | 000000171262 |
| <p>SVESHKOV, YU. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0007, PP 0015-0017<br/> SURFACE PROPERTIES OF FE-SI MELTS<br/> BISI 11879</p>                                                                                                                   | 000000197519 |
| <p>KOSTIKOV, V. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0007, PP 0018-0020<br/> THE STRENGTH OF PYROGRAPHITE IN CONTACT WITH<br/> MOLTEN ALKALI METALS<br/> BISI 11880</p>                                                                               | 000000171263 |
| <p>KOSTIKOV, V. I.</p>                                                                                                                                                                                                                                                                  | 000000272856 |

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| <p>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0007, PP 0018-0020<br/>THE STRENGTH OF PYROGRAPHITE IN CONTACT WITH<br/>MOLTEN ALKALI METALS<br/>BISI 11880</p>                                                   | # | 000000171264 |
| <p>VEGMAN, E. F.<br/>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0007, PP 0025-0028<br/>SPECIAL FEATURES OF THE BEHAVIOUR OF THE MELT<br/>DURING THE SINTERING OF THE SINTERING MIXES<br/>BISI 11881</p>         | # | 000000213216 |
| <p>VEGMAN, YE. F.<br/>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0007, PP 0025-0028<br/>SPECIAL FEATURES OF THE BEHAVIOUR OF THE MELT<br/>DURING THE SINTERING OF SINTERING MIXES<br/>BISI L.STG 11881</p>      | # | 000000171209 |
| <p>KOLGANOV, G. S.<br/>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0007, PP 0036-0040<br/>MASS TRANSFER IN THE CONVERTER BATHS<br/>BISI 11882</p>                                                                | # | 000000300593 |
| <p>KOLGANOV, G. S.<br/>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0007, PP 0036-0040<br/>MASS TRANSFER IN THE CONVERTER BATHS<br/>BISI 11882</p>                                                                | # | 000000272600 |
| <p>CHUVIKIN, N. G.<br/>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0007, PP 0050-0052<br/>AN ELECTRICAL MODEL OF THE FLUE SYSTEMS OF OPEN<br/>HEARTH FURNACES COMMUNICATION 2. 8 PP<br/>BLL 5828.4 F:M 21818</p> | # | 000000171210 |
| <p>KUMANIN, I. B.<br/>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0007, PP 0053-0056<br/>CERAMIA ANTI-BURN COATINGS FOR STEEL CASTINGS<br/>BISI 11883</p>                                                        | # | 000000174913 |
| <p>KUMANIN, I. B.<br/>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0007, PP 0053-0056<br/>CERAMIC ANTI-BURN-ON COATINGS FOR STEEL CASTINGS<br/>BISI L.STG 4.00 11883</p>                                          | # | 000000227642 |
| <p>PAVLOV, I. M.<br/>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0007, PP 0075-0078<br/>VARIATION IN THE CONTOUR AND DISTRIBUTION OF<br/>TENSION STOCK DURING COLD ROLLING<br/>BISI 11884</p>                    | # | 000000143869 |
| <p>PAVLOV, I. M.<br/>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1973,V0016,N0007, PP 0082-0084<br/>FORMING THE PROFILE OF ROLLED STOCK IN COLD<br/>ROLLING<br/>BLL 5828.4F:M 21817</p>                                      | # |              |

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| SKOROKHODEV, N. E.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0085-0087<br>USE OF THE OPTIMUM RATING METHOD FOR THE SETTING<br>OF A COLD SKELP ROLLING MILL<br>BISI 11885       | # | 000000171212 |
| SKOROKHODEV, N. E.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0085-0087<br>USE OF THE OPTIMUM RATING METHOD FOR THE<br>SETTING OF A COLD SKELP ROLLING MILL<br>BISI L.STG 11885 | # | 000000177378 |
| BROYMAN, M. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0092-0096<br>DEFORMATION DURING THE DRAFTING OF SHEETS IN<br>VERTICAL ROLLS<br>BISI 11886                            | # | 000000171213 |
| BROYMAN, M. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0092-0096<br>DEFORMATION DURING THE DRAFTING OF SHEETS<br>IN VERTICAL ROLLS<br>BISI 11886                            | # | 000000197467 |
| KOLIKOV, A. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0097-0100<br>MATHEMATICAL MODELLING OF THE CROSS HELICAL<br>ROLLING PROCESS 10 PP<br>BLL 5828.4F:M 21821              | # | 000000272818 |
| OSADCHIY, V. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0101-0105<br>DETERMINING THE LENGTH OF THE CONTACT SURFACE IN<br>SPIRAL ROLLING MILLS<br>BLL 5828.4F:M-21820        | # | 000000272819 |
| KOKOVIKHIN, YU. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0106-0110<br>CALCULATING A FOUR-HIGH ROUND-SQUARE ROLL SYSTEM<br>REPORT 2<br>BISI 11887                           | # | 000000171214 |
| KOKOVIKHINE, YU. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0106-0110<br>CALCULATING A FOUR HIGH ROUND SQUARE ROLL SYSTEM<br>REPORT 2.<br>BISI L.STG 11887                   | # | 000000177385 |
| KAIBYSHEV, O. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0119-0121<br>THE SUPERPLASTICITY IN TECHNICAL NICKEL<br>BISI 11888                                                  | # | 000000171215 |
| FILIPPOV, E. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//                                                                                                                                                    |   | 000000171216 |

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| 00/00/1973,V0016,N0007, PP 0122-0128<br>THEORETICAL CALCULATION OF HYDROGEN SOLUBILITY IN<br>SOLID AND LIQUID METALS<br>BISI 11889                                                                       | # |              |
| FILIPPOV, YE. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0122-0128<br>THEORETICAL CALCULATION OF HYDROGEN SOLUBILITY<br>IN SOLID AND LIQUID METALS<br>BISI 11889        | # | 000000272854 |
| GRINBERG, B. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0133-0135<br>ELECTRON PROBE MICRO-ANALYSIS OF THE DIFFUSION<br>LAYER IN TITANIUM-STEEL CLAD METAL<br>BISI 11890 | # | 000000171217 |
| GRINBERG, B. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0133-0135<br>ELECTRON PROBE MICRO ANALYSIS ON THE DIFFUSION<br>LAYER IN TITANIUM STEEL CLAD METAL<br>BISI 11890 | # | 000000227658 |
| ZHADIN, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0144-0145<br>INVESTIGATION OF THE STRESS RELIEVING OF 50KHGA<br>SPRING STEEL<br>BISI 11891                        | # | 000000171218 |
| ZHADIN, V. T.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0144-0145<br>INVESTIGATION OF THE STRESS RELIEVING OF<br>50KHGA SPRING STEEL<br>BISI 11891                        | # | 000000210433 |
| KIDIN, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0151-0154<br>CHROMIZING IRON-BASED CERMETS WITH ELECTRIC<br>HEATING<br>BISI 11892                                  | # | 000000171219 |
| KIDIN, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0151-0154<br>OPTIMIZING IRON-BASED CERMETS WITH ELECTRIC<br>HEATING<br>BISI 11892                                  | # | 000000210432 |
| KUMANIN, I. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0162-0165<br>EFFECTS OF CERTAIN TECHNOLOGICAL FACTORS ON THE<br>CRUMBLING OF MOULDING SANDS<br>BISI 11893        | # | 000000171220 |
| LYAKHOVICH, L. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0166-0169                                                                                                     | # | 000000171221 |



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| BORDERING HIGH-STRENGTH CAST IRON<br>BISI 11894                                                                                                                                                                            | # | 000000210435 |
| LYAKHOVICH, L. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0166-0169<br>BORIDING HIGH STRENGTH CAST IRON<br>BISI 11894                                                                     | # | 000000171222 |
| ZENKOVSKII, A. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0170-0173<br>RESEARCH INTO SEMI-LIMITED JETS AGAINST PERMEABLE<br>SURFACES<br>BISI 11895                                        | # | 000000210384 |
| ZENKOVSKIY, A. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0170-0173<br>RESEARCH INTO SEMI-LIMITED JETS AGAINST<br>PERMEABLE SURFACES<br>BISI 11895                                        | # | 000000171223 |
| ROSKIK, E. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0176-0178<br>HEATING BILLETS IN STRAIGHT-THROUGH FURNACE WITH<br>PROLONGED MILL SHUTDOWNS<br>BISI 11896                             | # | 000000227374 |
| ROSLIK, E. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0176-0178<br>HEATING BILLETS IN STRAIGHT THROUGH FURNACE<br>WITH PROLONGED MILL SHUTDOWNS<br>BISI L.STG 11896                       | # | 000000171224 |
| GUGLYA, V. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0179-0181<br>PYROELECTRIC MATERIALS USED FOR ANALYSING SMALL<br>CONCENTRATIONS OF CARBON MONOXIDE<br>BISI 11897                     | # | 000000272847 |
| GUGLYA, V. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0179-0181<br>PYROELECTRIC MATERIALS USED FOR ANALYSING SMALL<br>CONCENTRATIONS OF CARBON MONOXIDE<br>BISI 11897                     | # | 000000180273 |
| KRIVOMOSOV, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0007, PP 0182-0186<br>IMPROVING CURRENT BONUS PAYMENTS TO WORKERS FROM<br>THE MATERIAL-INCENTIVES FUND<br>BLL 5828.4 F:M 21816           | # | 000000161840 |
| PETRUSHEVSKIY, M. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0009-0014<br>EVALUATING THE SURFACE ENERGY OF BINARY SOLUTIONS<br>WITH SLIGHT DEVIATIONS FROM THE LAW OF RAULT<br>BISI 11967 | # |              |

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| <p>PETRUSHEVSKIY, M. S.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0008, PP 0009-0014<br/> EVALUATING THE SURFACE ENERGY OF BINARY SOLUTIONS<br/> WITH SLIGHT DEVIATIONS FROM THE LAW OF RAULT<br/> BISI 11967 #</p>                                             | 000000245115 |
| <p>KORNEYEVA, A. N.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0008, PP 0021-0026<br/> STRUCTURAL CHANGES OF INTERFERENCE-COLOURED<br/> OXIDE FILMS ON IRON, NICKEL AND COPPER DURING<br/> THEIR REDUCTION BY HYDROGEN AND CARBON MONOXIDE<br/> BISI 11968 #</p> | 000000161841 |
| <p>KORNEYEVA, A. N.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0008, PP 0021-0026<br/> STRUCTURAL CHANGES OF INTERFERENCE-COLORED<br/> OXIDE FILMS ON IRON, NICKEL, AND COPPER DURING<br/> THEIR REDUCTION BY HYDROGEN AND CARBON MONOXIDE<br/> BISI 11968 #</p> | 000000300610 |
| <p>KORSHIKOV, G. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0008, PP 0030-0032<br/> KINETICS OF THE PELLETIZATION PROCESS FOR<br/> FINELY-GROUND KMA CONCENTRATE ON A PELLETIZING<br/> DISC<br/> BISI 11969 #</p>                                             | 000000161842 |
| <p>KORSCHIKOV, G. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0008, PP 0030-0032<br/> KINETICS OF THE PELLETIZATION PROCESS FOR FINELY<br/> GROUND KMA CONCENTRATE ON A PELLETIZING DISC<br/> BISI 11969 #</p>                                                 | 000000210436 |
| <p>GRANKOVSKIY, V. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0008, PP 0035-0040<br/> OXIDIZING CAPACITY OF AN OPEN HEARTH FURNACE<br/> WITH OXYGEN INJECTION OF THE BATH<br/> BISI 11970 #</p>                                                               | 000000177159 |
| <p>GRANKOVSKIY, V. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0008, PP 0035-0040<br/> OXIDISING CAPACITY OF AN OPEN HEARTH FURNACE<br/> WITH OXYGEN INJECTION OF THE BATH<br/> BISI L.STG 11970 #</p>                                                         | 000000213213 |
| <p>MEDZHIBOZHSKIY, M. YA.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0008, PP 0041-0045<br/> APPROXIMATE PROCESS MODELLING OF THE ASSIMILATION<br/> OF LIME BY THE SLAG PROCESS PHASE<br/> BISI 11971 #</p>                                                      | 000000177155 |
| <p>MEDZHIBOZHSKIY, M. YA.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0008, PP 0041-0045<br/> APPROXIMATE PROCESS MODELLING OF THE<br/> ASSIMILATION OF LIME BY THE SLAG PROCESS PHASE</p>                                                                        | 000000213225 |

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| BISI L.STG 11971                                                                                                                                                                                                                                                                            | # |              |
| GASIK, M. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0063-0066<br>THE MICROSTRUCTURE OF COMMERCIAL SILICOMANGANESE<br>BISI 11972                                                                                                                           | # | 000000177154 |
| POLUKHIN, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0072-0075<br>ASSESSMENT OF THE RELIABILITY OF FITTING OF THE<br>SLEEVES OF WORK ROLLS WITH SMOOTH BARRELS 9 PP<br>BLL AS 5828.4 F:M-21833                                                          | # | 000000174454 |
| KULGOMOROV, G. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0076-0079<br>FORM OF LUBRICATING FILM IN HYDRODYNAMIC<br>DRAWING (LIQUID LUBRICATION) 13 PP<br>BLL AS 5828.4 F:M-21838                                                                           | # | 000000174456 |
| VIGDORCHIK, S. YU.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0080-0083<br>CALCULATION OF THE FINAL DEFORMATION AND<br>MATHEMATICAL SIMULATION OF THE KINETICS IN THE<br>UNSTEADY STATE PROCESSES OF THE TREATMENT OF<br>METALS BY PRESSURE<br>BISI 11973     | # | 000000161831 |
| VIGDORCHI, S. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0080-0083<br>CALCULATION OF THE FINAL DEFORMATION AND<br>MATHEMATICAL SIMULATION OF THE KINETICS IN THE<br>UNSTEADY STATE PROCESSES OF THE TREATMENT OF<br>METALS BY PRESSURE<br>BISI L.STG 11973 | # | 000000178945 |
| STARCHENKO, D. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0088-0091<br>CALCULATION OF THE STRESSED STATE DURING THE<br>ROLLING OF HEAVY-GAUGE STRIP 9 PP<br>BLL AS 5828.4 F:M-21837                                                                        | # | 000000174455 |
| STEPANAENKO, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0097-0103<br>FORCE CONDITIONS DURING DRAWING BETWEEN A<br>ROLLER DRAW PLATE<br>BLL AS 5828.4 F:M-21836                                                                                          | # | 000000192948 |
| MOSKALENKO, YU. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0109-0111<br>ALTERATION IN COERCIVE FORCE IN THE FIRST STAGE<br>OF THE TEMPERING OF QUENCHED FE-CR-N AND FE-CR-C<br>SYSTEM ALLOYS<br>BISI 11975                                                 | # | 000000161832 |
| MINTS, R. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//                                                                                                                                                                                                                                     | # | 000000161833 |

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| 00/00/1973,V0016,N0008, PP 0112-0114<br>DEFORMATION-STRUCTURE IN A METALLIC FRAGMENT OF<br>LUNAR SUBSTANCE<br>BISI 11975                                                                                                                                                                 | # |              |
| BORISOV, L. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0125-0128<br>INVESTIGATION OF THE HOT ROLLED TEXTURE<br>OF TRANSFORMER STEELS<br>BISI L.STG 3.00 11976                                                                                           | # | 000000174187 |
| BORISOV, L. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0125-0128<br>INVESTIGATION OF THE HOT-ROLLING TEXTURE TO<br>TRANSFORMER STEEL<br>BISI 11976                                                                                                      | # | 000000177178 |
| MATSEYEV, YU. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0129-0132<br>RESULTS OF LABORATORY RESEARCH INTO THE WEAR<br>RESISTANCE OF STEEL ALLOYED WITH VANADIUM<br>INOCULATED WITH TITANIUM AND EXPLOSION-HARDENED<br>BISI 11977                        | # | 000000161834 |
| MATSEYEV, YU. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0129-0132<br>RESULTS OF LAB RESEARCH INTO THE WEAR RESISTANCE<br>OF 110G13L STEEL ALLOYED WITH VANADIUM INOCULATED<br>WITH TITANIUM AND EXPLOSION HARDENED<br>BISI L.STG 4.00 11977            | # | 000000174207 |
| GAVRILIN, I. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0139-0141<br>MONOGRAM FOR DETERMINING THE OPTIMUM AMOUNT OF<br>MICRO-COOLERS FOR SUSPENSION POURING<br>BISI 11978                                                                               | # | 000000161835 |
| GAVRILIN, I. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0139-0141<br>MONOGRAM FOR DETERMINING THE OPTIMUM AMOUNT OF<br>MICRO-COOLERS FOR SUSPENSION POURING<br>BISI L.STG 11978                                                                         | # | 000000227361 |
| RYABKOV, V. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0142-0144<br>HEATING WITH MINIMUM OXIDATION WITH FINITE<br>HEAT EXCHANGE PARAMETERS 10 PP<br>BLL 5828.4 F:M 21834                                                                                | # | 000000242636 |
| SABELNIKOV, A. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0145-0147<br>THERMOELASTIC STRESSES DURING THE HEATING OF A<br>HOLLOW CYLINDER OF UNLIMITED LENGTH IN AN<br>ENVIRONMENT WITH A HEAT FLOW VARYING LINEARLY<br>WITH TIME<br>BLL 5828.4F:M 21832 | # | 000000206235 |

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| MEDIOKRITSKIY, YE. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0152-0155<br>RESEARCH INTO "INTERNAL" HEAT TRANSFER IN<br>RADIATION RECUPERATORS 10 PP<br>BLL 5828.4 F:M 21834                          | # | 000000242637 |
| STERLIGOV, V. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0162-0165<br>EXPERIMENT PLANNING USED FOR INVESTIGATING<br>HEAT TRANSFER BY CONVECTION. REPORT 1. 8 PP<br>BLL 5828.4 F:M 21830               | # | 000000242638 |
| EVTUSHENKO, V. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0171-0174<br>FORMALIZATION OF EXPERIENCE IN OPEN HEARTH MELT<br>CHARGING<br>BISI 11979                                                      | # | 000000161836 |
| YEVTUSHENKO, V. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0171-0174<br>FORMALIZATION OF EXPERIENCE IN OPEN HEARTH<br>MELT CHARGING<br>BISI L.STG 11979                                               | # | 000000213214 |
| YEGROV, V. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0179-0182<br>MEANING THE LOADS ON THE DRIVES OF PRESS SHEARS<br>REPORT ONE.<br>BISI 11980                                                       | # | 000000177179 |
| EGROV, V. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0179-0182<br>AVERAGING THE LOADS ON THE DRIVES OF PRESS SHEARS<br>REPORT 1.<br>BISI 11980                                                        | # | 000000272814 |
| CHESAK, V. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0008, PP 0183-0187<br>DETERMINATION OF THE OPTIMUM MAKE OF EQUIPMENT<br>FOR LOADING CHARGE MATERIALS IN CONVERTOR<br>DEPARTMENTS<br>BLL 5828.4 F:M-21831 | # | 000000172044 |
| KOSTIKOV, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0005-0007<br>THE STRENGTH OF PYROGRAPHITE IN BINARY METALLIC<br>ALLOYS<br>BISI 12028                                                          | # | 000000138429 |
| KOSTIKOV, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0005-0007<br>THE STRENGTH OF PYROGRAPHITE IN BINARY METALLIC<br>ALLOYS<br>BISI L.STG 4.00 12028                                               | # | 000000174212 |

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| MAKHMOU, A. H.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0008-0012<br>KINETIC PROCESS BEHAVIOR SEQUENCE IN THE<br>DECARBURIZATION OF A METALLIC MELT<br>BISI 12029                         | 000000138426 |
| MAKHMOU, A. H.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0008-0012<br>KINETIC PROCESS BEHAVIOR SEQUENCE IN THE<br>DECARBURIZATION OF A METALLIC MELT<br>BISI 12029                         | 000000272640 |
| NIZHENKOV, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0013-0016<br>DENSITY AND SURFACE PROPERTIES OF LIQUID ALLOYS<br>OF THE SYSTEM IRON-COPPER<br>BISI 12030                         | 000000138425 |
| YATSENKO, A. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0013-0016<br>DENSITY AND SURFACE PROPERTIES OF LIQUID ALLOYS<br>OF THE IRON COPPER SYSTEM<br>BISI 12030                          | 000000210365 |
| YUSFIN, YU. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0017-0019<br>STUDY OF THE SYSTEM CAO-Fe2O3 WITH THE AID OF THE<br>MOSSBAUER EFFECT. COMMUNICATION 1. 9 PP<br>BLL 5828.4 F:M-21839 | 000000193201 |
| OKHOTAKII, V. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0026-0030<br>ACOUSTIC CHARACTERISTICS OF THE REACTION ZONE<br>IN THE OXYGEN BLOWN CONVERTER PROCESS<br>BISI 12031               | 000000138424 |
| OKHOTSKII, V. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0026-0030<br>ACOUSTICS CHARACTERISTICS OF THE REACTION ZONE IN<br>THE OXYGEN BLOW CONVERTER PROCESS<br>BISI L:STG 4.00 12031    | 000000174210 |
| POVKH, I. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0043-0045<br>INVESTIGATION OF THE EFFECT OF MOVEMENT IN THE<br>CHEMICAL HETEROGENITY OF AN INGOT<br>BISI 12032                      | 000000138423 |
| POVKH, I. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0043-0045<br>INVESTIGATION OF THE EFFECT OF MOVEMENT ON THE<br>CHEMICAL HETEROGENITY OF AN INGOT<br>BISI L:STG 3.00 12032           | 000000174206 |
| LUZGIN, V. P.                                                                                                                                                                                                             | 000000157232 |

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| <p>///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0050-0053<br/> ACTIVITY AS A CHARACTERISTICS OF INTERACTION<br/> BETWEEN PARTICLES IN EQUILIBRIUM AND<br/> NON-EQUILIBRIUM<br/> BISI 12033</p>                                       | # | 000000172011 |
| <p>LUZGIN, V. P.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0050-0053<br/> ACTIVITY AS A CHARACTERISTIC OF INTERACTION<br/> BETWEEN PARTICLES IN EQUILIBRIUM AND NON<br/> EQUILIBRIUM<br/> BISI L.STG 12033</p>               | # | 000000157327 |
| <p>GABIDULLIN, R. M.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0054-0057<br/> DISTRIBUTION OF HYDROGEN IN IRON<br/> BISI 12034</p>                                                                                           | # | 000000245117 |
| <p>GABIDULLIN, R. M.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0054-0067<br/> DISTRIBUTION OF HYDROGEN IN IRON<br/> BISI 12034</p>                                                                                           | # | 000000177193 |
| <p>CHEKMAREV, A. P.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0072-0074<br/> PRINCIPLES OF THE DEFORMATION OF A HOLLOW HEATED<br/> BILLET BY HIGH PRESSURE HYDRAULICS<br/> BISI 12036</p>                                    | # | 000000143849 |
| <p>CHEKMAREV, A. P.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0073-0074<br/> PRINCIPLES OF THE DEFORMATION OF A HOLLOW<br/> HEATED BILLET BY HIGH-PRESSURE HYDRAULICS<br/> BISI L.STG 4.00 12036</p>                         | # | 000000157328 |
| <p>CHELYSHEV, N. A.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0075-0077<br/> EFFECT OF VIBRATIONS OF ADDITIONAL FORCE ON THE<br/> UPSETTING PROCESS<br/> BISI 12035</p>                                                      | # | 000000178947 |
| <p>CHELYSHEV, N. A.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0075-0077<br/> EFFECT OF VIBRATIONS OF ADDITIONAL FORCE ON THE<br/> UPSETTING PROCESS<br/> BISI 12035</p>                                                      | # | 000000143848 |
| <p>MELTSER, V. V.<br/> ///IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0078-0080<br/> REACTION OF THE OUTLYING PORTIONS OF A STRIP TO<br/> INHOMOGENEOUS REDUCTION DURING LIGHT GAUGE SHEET<br/> ROLLING<br/> BISI L.STG 4.00 12037</p> | # | 000000177197 |
| <p>MELTSER, V. V.</p>                                                                                                                                                                                                                                            |   |              |

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| <p>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0078-0080<br/> REACTION OF THE OUTLAYING PORTIONS OF A STRIP<br/> TO INHOMOGENEOUS REDUCTION DURING LIGHT GAUGE<br/> SHEET ROLLING<br/> BISI 12037</p>                                              | 000000173287 |
| <p>OSADCHII, V. YA.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0083-0086<br/> WIDTH OF THE METAL SURFACE IN CONTACT WITH THE<br/> ROLL DURING HELICAL AND CROSS ROLLING 11 PP<br/> BLL 5828.4 F:M-21840</p>                                  | 000000172016 |
| <p>NYASHIN, YU. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0091-0094<br/> VARIATIONAL METHOD OF CALCULATING THE TEMPERATURE<br/> FIELDS IN PROCESSES OF TREATMENT OF METALS BY<br/> PRESSURE<br/> BISI L.STG 12038</p>                    | 000000177198 |
| <p>NYASHIN, YU. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0091-0094<br/> VARIATIONAL METHOD OF CALCULATING THE TEMPERATURE<br/> FIELDS IN PROCESSES OF TREATMENT OF METALS BY<br/> PRESSURE<br/> BISI 12038</p>                          | 000000143850 |
| <p>KHURVAVLEV, A. Z.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0100-0103<br/> COMPARISON OF THE OPERATION OF RING AND PIN<br/> LOAD CELLS IN DETERMINING THE PRESSURES ON THE<br/> WALLS OF A STAMP<br/> BISI L.STG 4.00 12039</p>          | 000000173576 |
| <p>ZHVRVVIYEV, A. Z.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0100-0103<br/> COMPARISON OF THE OPERATION OF RING AND PIN LOAD<br/> CELLS IN DETERMINING THE PRESSURES OF THE WALLS<br/> OF A STAMP<br/> BISI 12039</p>                     | 000000173296 |
| <p>ZHELESNOV, YU. D.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0104-0107<br/> DETERMINATION OF REQUIREMENTS FOR A TRANSDUCER<br/> OF THE SPECIFIC TENSION OF ROLLED SHEET 9 PP<br/> BLL 5828.4 F:M-21841</p>                                | 000000173285 |
| <p>TATARNIKOV, V. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0108-0113<br/> EFFECT OF CUTTING FORCE AND OTHER FACTORS ON<br/> DISPLACEMENTS OF THE ROLLEPRODUCT AND LIFE OF THE<br/> SAW DISK. PART I 14 PP<br/> BLL 5828.4 F:M-21842</p> | 000000193200 |
| <p>STARK, YU. S.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0009, PP 0122-0123</p>                                                                                                                                                                    |              |



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| OSCILLATION OF SPIN DENSITY IN DILUTE ION<br>BASED SOLID SOLUTIONS 4 PP<br>BLL 5828.4 F:M-21843                                                                                                                                            | # |              |
| FILIPPOV, E. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0124-0130<br>THE POSSIBLE MECHANISM AND SEQUENCE OF STRUCTURAL<br>TRANSFORMATIONS TAKING PLACE IN MOLTEN TIN<br>GALLIUM AND INDIUM<br>BISI 12040  | # | 000000157303 |
| FILIPPOV, YE. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0124-0130<br>THE POSSIBLE MECHANISM AND SEQUENCE OF STRUCTURAL<br>TRANSFORMATIONS TAKING PLACE IN MOLTEN TIN<br>GALLIUM AND INDIUM<br>BISI 12040 | # | 000000272780 |
| FOGALSON, R. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0136-0137<br>DIFFUSION OF MANGANESE INTO COPPER<br>BISI 12041                                                                                     | # | 000000157304 |
| FOGELSON, R. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0136-0137<br>DIFFUSION OF MANGANESE INTO COPPER<br>BISI 12041                                                                                     | # | 000000272853 |
| KHADZHIEV, R. R.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0142-0145<br>RECOVERY IN IRON AFTER DEFORMATION BY FLAR<br>SHOCK-WAVES<br>BISI 12042                                                             | # | 000000177194 |
| KHADZHIEV, R. R.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0142-0145<br>RECOVERY OF IRON AFTER DEFORMATION BY FLAT SHOCK<br>WAVES<br>BISI 12042                                                             | # | 000000272851 |
| KEKALO, I. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0150-0154<br>INFLUENCE OF CARBON ON THE EFFECTIVENESS OF<br>THERMO GENETIC TREATMENT OF SINGLE CRYSTALS OF<br>SILICON IRON<br>BISI 12043            | # | 000000157305 |
| KENKOLO, I. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0150-0154<br>INFLUENCE OF CARBON ON THE EFFECTIVENESS OF<br>THERMOMAGNETIC TREATMENT OF SINGLE CRYSTALS OF<br>SILICON IRON<br>BISI 12043           | # | 000000272862 |
| LEVI, L. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//                                                                                                                                                                                     | # | 000000193199 |

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| 00/00/1973,V0016,N0009, PP 0166-0168<br>KINEMATIC VISCOSITY OF LIQUID CAST IRON 6 PP<br>BLL 5828.4 F:M-21844                                                                                                                                                           | # |              |
| RYZHKOV, G. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0173-0174<br>A QUANTITATIVE METHOD OF INVESTIGATING<br>RECIRCULATION DURING HYDRAULIC MODELLING 4 PP<br>BLL 5828.4 F:M-21845                                                   | # | 000000173286 |
| POPEV, S. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0175-0178<br>PULSATION OF A GAS BUBBLE IN MOLTEN STEEL AS ITS<br>SURFACES<br>BISI 12044                                                                                          | # | 000000157306 |
| POPOV, S. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0175-0178<br>PULSATION OF GAS BUBBLE IN MOLTEN STEEL AS IT<br>SURFACES<br>BISI 12044                                                                                             | # | 000000208056 |
| ROMANTSEVA, T. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0179-0181<br>THE EXTRACTION PHOTOMETRIC METHOD OF DETERMINING<br>THE TIN IN FERROUS METALS<br>BISI 12045                                                                    | # | 000000173577 |
| SOLOMAKHIN, I. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0009, PP 0182-0186<br>THE MATHEMATICAL ECONOMICS MODELLING OF FORECAST<br>PLANNING FOR A MINING AND METALLURGICAL COMPLEX<br>10 PP<br>BLL 5828.4F:M-21846                            | # | 000000210533 |
| PETRUSHEVSKIY, M. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0005-0009<br>CALCULATION OF THE SURFACE ENERGIES OF BINARY<br>MELTS WITH STRONG MUTUAL REACTION OF THE<br>COMPONENTS AND CHARACTERISTICALLY SPECIAL POINTS<br>BISI 12080 | # | 000000210362 |
| SHATOKHA, I. Z.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0033-0035<br>INVESTIGATION OF THE COKE AND SINTER BREAKDOWN<br>PROCESS<br>BISI 12081                                                                                          | # | 000000272846 |
| SAFINA, L. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0040-0043<br>WAYS OF IMPROVING THE PHYSICO CHEMICAL PROPERTIES<br>OF BLAST FURNACE SLAGS AT SOUTHERN WORKS<br>BISI L.STG 12083                                                  | # | 000000198950 |
| BOGOVTSEV, N. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//                                                                                                                                                                                                            |   | 000000197580 |

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| 00/00/1973,V0016,N0010, PP 0050-0053<br>THE EFFECT OF ADDITIONS TO LIME ON THE RATE<br>AT WHICH IT IS ASSIMILATED BY SLAG<br>BISI 12084                                                                                                         | # | 000000182184 |
| LEGAYEV, V. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0054-0056<br>RESEARCH INTO COOLING OF THE HEARTHS OF FURNACES<br>USED FOR MELTING STANDARD ELECTROCORUNDUM<br>BISI 12085                                | # | 000000272858 |
| LEGAYEV, V. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0054-0056<br>RESEARCH INTO THE COOLING OF THE HEARTHS OF<br>FURNACES USED FOR MELTING STANDARD ELECTROCORUNDUM<br>BISI 12085                            | # | 000000209246 |
| CHELYSHEV, N. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0061-0063<br>EFFECT OF FLUCTUATIONS IN SUPPLEMENTARY<br>FORCES ON STRESSES IN A PRESS HOUSING<br>BISI 12086                                           | # | 000000272777 |
| CHELYSHEV, N. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0061-0063<br>EFFECT OF FLUCTUATIONS IN SUPPLEMENTARY FORCES ON<br>STRESSES IN A PRESS HOUSING<br>BISI 12086                                          | # | 000000209248 |
| ALYUSHIN, YU. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0068-0072<br>KINEMATICALLY POSSIBLE RATE FIELDS FROM<br>RIGID ASSEMBLIES FOR PROCESSES OF THREE<br>DIMENSIONAL DEFORMATION<br>BISI 12087              | # | 000000272852 |
| ALYUSHIN, YU. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0068-0072<br>KINEMATICALLY POSSIBLE RATE FIELDS FROM RIGID<br>ASSEMBLIES FOR PROCESSES OF THREE-DIMENSIONAL<br>DEFORMATION<br>BISI 12087             | # | 000000168401 |
| GOTLIB, B. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0078-0081<br>THE SOLUTION OF STATISTICAL METAL PRESSURE<br>WORKING PROBLEMS<br>BLL 5828.4F:M-21875                                                       | # | 000000198949 |
| ZNAMENSKIY, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0087-0091<br>INVESTIGATION OF THE CONTACT AND INTERLAYER<br>STRESSES DURING THE ROLLING OF BIMETALLIC PACKS<br>WITH A HARD CLADDING<br>BISI 102088 1 | # |              |

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| <p>ZNAMENSKII, V. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0010, PP 0087-0091<br/> INVESTIGATION OF THE CONTACT AND INTERLAYER<br/> STRESSES DURING THE ROLLING OF BIMETALLIC<br/> PACKS WITH A HARD CLADDING<br/> BISI 12088</p> | 000000209249 |
| <p>MELESHKO, V. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0010, PP 0092-0097<br/> ENTRY OF THE LUBRICANT INTO THE DEFORMATION ZONE<br/> DURING ROLLING<br/> BISI L.STG 12089</p>                                                   | 000000198925 |
| <p>MELESHKO, V. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0010, PP 0092-0097<br/> ENTRY OF THE LUBRICANT INTO THE<br/> DEFORMATION ZONE DURING ROLLING<br/> BISI 12089</p>                                                         | 000000209250 |
| <p>BELENKIY, B. Z.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0010, PP 0109-0113<br/> AN INVESTIGATION OF THE FINE STRUCTURE OF STEEL<br/> AFTER DEFORMATION DURING THE PROGRESS OF<br/> PEARLITE TRANSFORMATION<br/> BISI 12090</p>   | 000000197568 |
| <p>BELENKIY, B. Z.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0010, PP 0109-0113<br/> AN INVESTIGATION OF THE FINE STRUCTURE OF<br/> STEEL AFTER DEFORMATION DURING THE PROGRESS<br/> OF PEARLITE TRANSFORMATION<br/> BISI 12090</p>   | 000000209251 |
| <p>SHUMILOV, M. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0010, PP 0123-0125<br/> INFLUENCE OF SULPHUR ON THE SOLUBILITY AND<br/> DIFFUSION OF CARBON IN ALPHA IRON<br/> BISI 12091</p>                                            | 000000210363 |
| <p>SHUMILOV, M. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0010, PP 0123-0126<br/> INFLUENCE OF SULPHUR ON THE SOLUBILITY AND<br/> DIFFUSION OF CARBON IN ALPHA- IRON<br/> BISI 12091</p>                                           | 000000182183 |
| <p>GRIGORKIN, V. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0010, PP 0127-0131<br/> EFFECTS OF CARBON AND MANGANESE ON PHASE CHANGES<br/> IN MANGANESE ALLOYS<br/> BISI 12092</p>                                                   | 000000182181 |
| <p>GRIGORKIN, V. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0010, PP 0127-0131<br/> EFFECTS OF CARBON AND MANGANESE ON PHASE CHANGES<br/> IN MANGANESE ALLOYS</p>                                                                   | 000000197504 |

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| BISI 12092                                                                                                                                                                                                                |  |              |
| YATSENKO, A. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0132-0134<br>MICROMEROGENEITY IN THE PRIMARY CEMENTITE IN IRON<br>CARBON ALLOYS<br>BISI 12093                                    |  | 000000182180 |
| YATSENKO, A. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0132-0134<br>MICROMETEROGENEITY IN THE PRIMARY CEMENTITE IN<br>IRON-CARBON<br>BISI 12093                                         |  | 000000210366 |
| DRAPKIN, B. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0135-0137<br>RULES GOVERNING THE CHANGE IN THE ELASTIC<br>PROPERTIES OF CAST IRON DURING THERMAL FATIGUE<br>FAILURE<br>BISI 12094 |  | 000000171700 |
| DRAPKIN, B. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0135-0137<br>RULES GOVERNING THE CHANGE IN THE ELASTIC<br>PROPERTIES OF CAST IRON DURING THERMAL FATIGUE<br>FAILURE<br>BISI 12094 |  | 000000197574 |
| BESKROVNYI, A. K.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0138-0141<br>ELECTRONIC MECHANISM OF THE INOCULATION AND<br>MICROALLOYING OF ALLOYS<br>BISI 12095                              |  | 000000171699 |
| BESKROVNYI, A. K.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0138-0141<br>ELECTRONIC MECHANISM OF THE INOCULATION AND<br>MICROALLOYING OF ALLOYS<br>BISI 12095                              |  | 000000210361 |
| GOLDFARB, E. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0142-0144<br>GENERALIZING CERTAIN EXTREME PROBLEMS IN THE<br>HEATING OF THIN BODIES<br>*BISI 12096                               |  | 000000209480 |
| GOLDFARB, E. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0142-0144<br>GENERALIZING CERTAIN EXTREME PROBLEMS IN THE<br>HEATING OF BODIES<br>BISI 12096                                     |  | 000000272849 |
| DONSKOI, S. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0148-0151<br>EFFECTS OF TECHNOLOGICAL PARAMETERS AND THE                                                                          |  | 000000210537 |

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| QUALITY OF THE REFRACTORIES ON THE LIFE OF TAR<br>MAGNESITE LININGS AT THE WEST SIBERIAN STEELWORKS<br>BLL 5828.4F:M 21876                                                                                                              |              |
| YEVTUSHENKO, V. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0160-0163<br>THE MODELLING OF AUTOMATIC METALLURGICAL PROCESS<br>CONTROL SYSTEM WITH A DIGITAL COMPUTER 9 PP<br>BLL 5828.4F:M 21877         | 000000210532 |
| SHIROKOV, V. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0170-0171<br>CHARGE MATERIALS WEIGHED WITH TENSILE STRAIN<br>GAUGES IN TOWER TYPE CAR DUMPERS 10 PP<br>BLL 5828.4F:M 21878                     | 000000171673 |
| KHAYKIN, B. YE.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0177-0180<br>PROBABILITY ANALYSIS OF THE FUNCTIONING OF THE<br>SYSTEM STRIPPING DEPARTMENT SOAKING PITS COGGING<br>MILL<br>BLL 5828.4 F:M21879 | 000000199382 |
| GRITSAY, A. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0010, PP 0185-0187<br>NORM FIXING OF THE TURNOVER FACILITIES IN THE<br>PRODUCTION STOCKS OF IRON AND STEEL WORKS<br>BLL 5828.4 F:M 21880                 | 000000199383 |
| PAVLOV, YU. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0005-0008<br>BEHAVIOUR OF LITHIUM-MANGANESE FERRITED DURING<br>HEATING<br>BISI 12143                                                            | 000000230215 |
| PAVLOV, YU. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0005-0008<br>BEHAVIOUR OF LITHIUM-MANGANESE FERRITES DURING<br>HEATING<br>BISI 12143                                                            | 000000280545 |
| SPEKTOR, A. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0029-0032<br>ABSORPTION OF SULPHUR DIOXIDE BY COMPONENTS OF<br>THE MIX BY FLUXED PELLETS<br>BISI 12144                                          | 000000230218 |
| SPEKTOR, YA. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0029-0032<br>ABSORPTION OF SULPHUR DIOXIDE BY COMPONENTS OF<br>THE MIX BY FLUXED PELLETS<br>BISI 12144                                         | 000000280544 |
| SURGUCHEV, G. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0045-0047                                                                                                                                     | 000000198975 |

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| A MATHEMATICAL MODEL OF THE DECARBURISATION<br>PROCESS ALLOWING FOR THE PROCESS OCCURRING IN THE<br>REACTION ZONE<br>BISI L.STG 12145                                                                                                  | # | 000000280543 |
| SURGUCHEV, G. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0045-0047<br>A MATHEMATIC MODEL OF THE DECARBURIZATION ALLOWING<br>FOR THE PROCESS OCCURRING IN THE REACTION ZONE<br>BISI 12145              | # | 000000173555 |
| RUDOI, L. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0053-0056<br>DETERMINATION OF THE NUMBER OF STRANDS FOR A<br>CONTINUOUS CASTING MACHINE<br>BISI L.STG 12146                                      | # | 000000227718 |
| RUDOI, L. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0053-0056<br>DETERMINATION OF THE NUMBER OF STRANDS FOR A<br>CONTINUOUS CASTING MACHINE<br>BISI 12146                                            | # | 000000213158 |
| MAGIDSON, I. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0061-0064<br>VISCOSITY OF CHROMIUM SLAGS<br>BISI 12147                                                                                       | # | 000000216486 |
| MAGIDSON, I. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0061-0064<br>VISCOSITY OF CHROMIUM SLAGS<br>BISI 12147                                                                                       | # | 000000227719 |
| NYASHIN, YU. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0077-0079<br>VARIATIONAL METHOD OF CALCULATING TEMPERATURE<br>FIELDS IN PROCESSES TO TREATING METALS BY<br>PRESSURE<br>BISI 12148             | # | 000000265772 |
| NYASHIN, YU. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0077-0079<br>VARIATIONAL METHOD OF CALCULATING TEMPERATURE<br>FIELDS IN PROCESSES OF TREATING METALS BY<br>PRESSURE PART 2.<br>BISI 12148     | # | 000000159042 |
| ZAVERYUKHA, V. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0080-0083<br>CALCULATION OF NON STATIONARY TEMPERATURE FIELDS<br>IN PLATE ROLLING ROLLS BY THE METHOD OF FINITE<br>DIFFERENTS<br>BISI 12149 | # | 000000227720 |
| ZAVERYUKHA, V. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//                                                                                                                                                                           |   |              |

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| 00/00/1973,V0016,N0011, PP 0080-0083<br>CALCULATION OF NON-STATIONARY TEMPERATURE FIELDS<br>IN PLATE-ROLLING ROLLS BY THE METHOD OF FINITE<br>DIFFERENCES<br>BISI 12149                                                            | # |              |
| ZHAIKIN, B. YE.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0088-0091<br>THE VARIATIONAL DIFFERENTIAL METHOD OF SOLVING<br>THE PROBLEMS OF METAL WORKING IN TERMS OF STRESS<br>BISI 12151             | # | 000000159043 |
| ZHAYKIN, B. YE.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0088-0092<br>THE VARIATIONAL DIFFERENTIAL METHOD OF SOLVING<br>THE PROBLEMS OF METAL PRESSURE WORKING IN TERMS<br>OF STRESS<br>BISI 12151 | # | 000000227692 |
| GUN, G. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0092-0097<br>INVESTIGATION OF THE DEFORMATION RESISTANCES<br>AND PLASTICITY OF NICKEL BASED HEAT RESISTANT<br>ALLOYS<br>BISI 12150            | # | 000000197521 |
| GUN, G. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0092-0097<br>INVESTIGATION OF THE DEFORMATION RESISTANCES<br>AND PLASTICITY OF NICKEL BASED HEAT RESISTANT<br>ALLOYS<br>BISI 12150            | # | 000000213157 |
| GUN, G. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0092-0097<br>INVESTIGATION OF THE DEFORMATION RESISTANCES<br>AND PLASTICITY OF NICKEL BASED HEAT RESISTANT<br>ALLOYS<br>BISI 12150            | # | 000000216485 |
| VAINZOF, A. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0111-0112<br>SELECTION OF THE OPTIMUM NUMBER OF PASSES<br>ON THE ROLLS OF AN AUTOMATIC REELING MILL<br>BISI 12152                          | # | 000000197475 |
| VAINZOF, A. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0111-0112<br>SELECTION OF THE OPTIMUM NUMBER OF PASSES ON THE<br>ROLLS OF AN AUTOMATIC REELING MILL<br>BISI 12153                          | # | 000000227691 |
| POTAPOV, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0113-0117<br>PRINCIPLES OF CALCULATION OF THE PASS DESIGN OF<br>WORK ROLLS WHEN ROLLING IN THE REGION OF LARGE                             | # | 000000166492 |



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| REED ANGLES<br>BISI 12153                                                                                                                                                                                                                | # | 000000227663 |
| POTAPOV, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0113-0117<br>PRINCIPLES OF CALCULATION OF THE PASS DESIGN OF<br>WORK ROLLS WHEN ROLLING IN THE REGION OF LARGE<br>FEED ANGLES<br>BISI 12153      | # |              |
| CHELYUSTKIN, A. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0128-0132<br>FORCED INTER-STAND STRIP COOLING DURING<br>HOT ROLLING<br>BISI 12154                                                            | # | 000000197460 |
| CHELYUSTKIN, A. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0128-0132<br>FORCED INTER-STAND STRIP COOLING DURING HOT<br>ROLLING<br>BISI 12154                                                            | # | 000000227662 |
| FILIPPOV, YE. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0141-0146<br>THE EFFECT OF SUCCESSIVE ALTERNATIONS OF<br>STRUCTURES IN PURE MOLTEN METALS<br>BISI 12155                                        | # | 000000213156 |
| FILIPPOV, YE. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0141-0146<br>THE EFFECT OF SUCCESSIVE ALTERNATIONS OF<br>STRUCTURES IN PURE MOLTEN METALS<br>BISI 12155                                        | # | 000000216484 |
| FILIPPOV, E. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0141-0146<br>THE EFFECT OF SUCCESSIVE ALTERNATION OF STRUCTURES<br>IN PURE MOLTEN METALS<br>BISI 12155                                          | # | 000000272848 |
| LIVSHITS, B. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0154-0157<br>MAGNESITE PROPERTIES OF ALLOYS FOR PERMANENT<br>MAGNETS ON THE BASIS OF THE MANGANESE ALUMINIUM<br>SYSTEM<br>BISI L.STG 3.00 12156 | # | 000000174188 |
| LIVSHITS, B. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0154-0157<br>MAGNESITE PROPERTIES OF ALLOYS FOR PERMANENT<br>MAGNETS ON THE BASIS OF THE MANGANESE ALUMINIUM<br>SYSTEM<br>BISI 12156            | # | 000000275530 |
| GETMAN, A. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//                                                                                                                                                                                 |   | 000000172014 |

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| 00/00/1973,V0016,N0011, PP 0169-0170<br>SIZE AND NATURE OF THE LOCATION OF SHRINKAGE<br>CAVITIES IN IRON<br>BISI L.STG 12157                                                                                                         | # |              |
| GETMAN, YA. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0169-0170<br>SIZE AND NATURE OF THE LOCATION OF SHRINKAGE<br>CAVITIES IN IRON CASTINGS<br>BISI 12157                                        | # | 000000275529 |
| STARK, S. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0182-0185<br>ATOMIZATION OF LIQUIDS BY CENTRIFUGAL NOZZLES<br>BISI L.STG 12158                                                                 | # | 000000173559 |
| STARK, S. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0182-0185<br>ATOMIZATION OF LIQUIDS BY CENTRIFUGAL NOZZLES<br>BISI 12158                                                                       | # | 000000214848 |
| ROITBURD, L. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0186-0188<br>RESERVE POTENTIAL IN THE ECONOMIC EFFECTIVENESS<br>OF THE ELECTROSLAG REFINING PROCESS<br>BISI 12159                           | # | 000000159547 |
| ROITBURD, L. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0011, PP 0186-0188<br>RESERVE POTENTIAL IN THE ECONOMIC EFFECTIVENESS<br>OF THE ELECTROSLAG REFINING PROCESS<br>BISI 12159                           | # | 000000275528 |
| KUSHNIR, M. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0005-0006<br>DENSITY AND SURFACE TENSION OF MOLten<br>CHROMIUM NICKEL ALLOYS<br>BISI 1221                                                    | # | 000000213220 |
| GRIGOREV, G. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0007-0010<br>INVESTIGATION OF THE INTERPHASE TENSION<br>ON THE METAL-FLUX BOUNDARY USING THE MAXIMUM<br>ADHESION WORK METHOD<br>BISI 12217  | # | 000000197485 |
| GRIGOREV, G. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0007-0010<br>INVESTIGATION OF THE INTERPHASE TENSION ON<br>THE METAL FLUX BOUNDARY USING THE MAXIMUM<br>ADHESION WORK METHOD<br>BISI 12217 | # | 000000213219 |
| YESAULOV, V. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0042-0045                                                                                                                                   | # | 000000210511 |

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| THE INFLUENCE OF COMPOSITION AND PARTICLE<br>MIXTURE SIZE ON THE RATE OF COMBUSTION OF<br>EXOTHERMAL MIXTURES<br>BISI 12218                                                                                                                | # | 000000213218 |
| YESAULOV, V. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0042-0045<br>THE INFLUENCE OF COMPOSITION AND PARTICLE SIZE<br>ON THE RATE OF COMBUSTION OF EXOTHERMIC MIXTURES<br>BISI 12218                     | # | 000000162075 |
| KOLMOGOROV, G. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0076-0079<br>SHAPE OF THE LUBRICANT LAYER DURING FLUID FRICTION<br>ROLLING<br>BISI 12219                                                        | # | 000000271344 |
| KOLMOGOROV, G. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0076-0079<br>SHAPE OF THE LUBRICANT LAYER DURING FLUID FRICTION<br>ROLLING<br>BISI 12219                                                        | # | 000000166500 |
| SKOROKHODOV, N. YE.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0080-0083<br>USE OF THE MOIRE METHODE FOR INVESTIGATING THE<br>CAMBER IN ROLLED SHEETS<br>BISI 12220                                          | # | 000000271348 |
| SKOROKHODOV, N. E.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0080-0083<br>USE OF THE MOIRE METHOD FOR INVESTIGATING THE<br>CAMBER IN ROLLED SHEETS<br>BISI 12220                                            | # | 000000197458 |
| STARCHENKO, D. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0084-0088<br>INVESTIGATION OF THE EFFECT OF INGOT SHAPE<br>ON THE NATURE OF THE DEFORMATION DURING<br>ROLLING ON A SLABBING MILL<br>BISI 12221  | # | 000000271347 |
| SKOROKHODOV, N. E.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0084-0088<br>INVESTIGATION OF THE EFFECT OF INGOT SHAPE ON THE<br>NATURE OF THE DEFORMATION DURING ROLLING ON A<br>SLABBING MILL<br>BISI 12221 | # | 000000162080 |
| POLUKHIN, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0097-0102<br>CALCULATION OF THE INTER ROLL PRESSURE ON<br>MULTIPLE ROLL MILLS<br>BISI 12222                                                       | # | 000000271346 |
| POLUKHIN, V. P.                                                                                                                                                                                                                            |   |              |

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| <p>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0012, PP 0097-0102<br/> CALCULATION OF THE INTER-ROLL PRESSURE ON<br/> MULTIPLE ROLL MILLS<br/> BISI 12222</p>                                                                                       | # | 000000159545 |
| <p>SEREGIN, S. YA.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0012, PP 0103-0105<br/> A LABORATORY ROLLING MILL WITH PROPELLED ROLL<br/> BISI 12223</p>                                                                                       | # | 000000271345 |
| <p>SEREGIN, S. YA.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0012, PP 0103-0105<br/> A LABORATORY ROLLING MILL WITH PROPELLED ROLL<br/> BISI 12223</p>                                                                                       | # | 000000162077 |
| <p>TARAN, N. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0012, PP 0113-0115<br/> CALCULATING RUNNER SYSTEMS FOR THE DIRECT TEEMING<br/> OF LARGE STEEL CASTINGS AND FORGING INGOTS<br/> BISI 12224</p>                                      | # | 000000271391 |
| <p>TARAN, N. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0012, PP 0113-0115<br/> CALCULATING RUNNER SYSTEMS FOR THE DIRECT TEEMING<br/> OF LARGE CASTINGS AND FORGING INGOTS REPORT 1<br/> BISI 12224</p>                                   | # | 000000214837 |
| <p>LISIENKO, V. G.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0012, PP 0126-0129<br/> EFFECTS OF MIXING DEVICE ON THE DEVELOPMENT<br/> OF NATURAL GAS FLAME<br/> BISI 12225</p>                                                               | # | 000000171758 |
| <p>SABELNIKOV, A. G.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0012, PP 0135-0138<br/> THE THERMOELASTIC STRESSES IN A HOLLOW CYLINDER<br/> HEATED IN A MEDIUM THE TEMPERATURE OF WHICH VARY<br/> LINEARLY IN TIME<br/> BISI L.STG 12226</p> | # | 000000215013 |
| <p>SABELNIKOV, YA. G.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0012, PP 0135-0138<br/> THE THERMOELASTIC STRESSES IN A HOLLOW CYLINDER<br/> HEATED IN MEDIUM THE TEMPERATURE OF WHICH VARIES<br/> LINEARLY IN TIME<br/> BISI 12226</p>      | # | 000000177430 |
| <p>KULAKOV, S. M.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1973,V0016,N0012, PP 0143-0146<br/> COMPARISON OF TYPICAL MEANS OF<br/> PRESENTING INFORMATION<br/> BISI:L.STG AS 12227</p>                                                                  | # | 000000162078 |
| <p>LEVIN, M. Z.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//</p>                                                                                                                                                                                                       |   |              |

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| 00/00/1973,V0016,N0012, PP 0155-0158<br>RECIPROCATING MOVEMENT MECHANISM FOR A MOULD WITH<br>BALANCED APPLICATION OF SINEWAVE MOVEMENT<br>BISI 12228                                                                                        | # |              |
| LEVIN, M. Z.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0155-0158<br>RECIPROCATING MOVEMENT MECHANISM FOR A MOULD WITH<br>BALANCED APPLICATION OF SINE-WAVE MOVEMENTS<br>BISI 12228                           | # | 000000271390 |
| YEGOROV, V. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0159-0162<br>AVERAGING OUT THE LOADS ON PRESS SHEARS DRIVES<br>REPORT 2<br>BISI 12229                                                               | # | 000000227690 |
| EGOROV, V. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0012, PP 0159-0162<br>AVERAGING OUT THE LOADS ON PRESS SHEARS DRIVES<br>REPORT 2.<br>BISI 12229                                                               | # | 000000230216 |
| KUMANIN, I. B.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0017, PP 0162-0165<br>EFFECTS OF CERTAIN TECHNOLOGICAL FACTORS ON THE<br>CRUMBLING OF MOULDING SANDS<br>BISI 11893                                           | # | 000000272861 |
| VYMETAL, D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1973,V0016,N0055, PP 0032-0034<br>CALCULATIONS OF THE DYNAMIC CHARACTERISTICS OF<br>THE UPPER PART OF THE BLAST FURNACE<br>BISI 11703                                       | # | 000000198923 |
| KLEINER, M.K.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----, N0002, PP 0156-0160<br>DETERMINING THE BOUNDARY FUNCTION FOR THE ASYMMETR<br>HEATING OF A CONTINUOUS CYLINDER<br>BISI 12346                                   | # | 000000000955 |
| KHRAPOV, A. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N----, PP 0142-0145<br>RESEARCH INTO THE SPECIAL FEATURES OF THE<br>BREAKDOWN OF GREY CAST IRON AND MAGNESIUM<br>CAST IRON AT HIGH TEMPERATURE<br>BISI 13014 | # | 000000011055 |
| KAPLUN, P. R.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0001, PP 0037-0041<br>HYDRODYNAMIC AND DIFFUSION PROCESSES IN PLANT<br>FOR THE CONTINUOUS CONVERSION OF IRON<br>BISI 12253                                    | # | 000000102246 |
| SMIRNOV, V. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//                                                                                                                                                                                   |   | 000000002414 |

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| 00/00/1974,V----,N0001, PP 0087-0089<br>CONTACT STRESSES DURING THE ROLLING OF TEXTURED<br>MATERIALS<br>BISI 12257                                                                                                                                                               | # |              |
| KOBYLYAKOV, I. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0002, PP 0183-0186<br>INDICES AND METHODS OF ANALYSIS OF THE EFFECTIVENESS<br>OF UTILIZING RESERVES OF CAPACITY OF EXISTING<br>METALLURGICAL PLANTS COMMUNICATION 2<br>BISI 12349              | # | 00000000924  |
| ONISHCHENKO, I. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0003, PP 0049-0052<br>DETERMINATION OF TRANSVERSE DEFORMATION DURING<br>CONDITIONS ROLLING WITH TENSION<br>BISI 12415                                                                         | # | 000000004228 |
| VYDRIN, V. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0003, PP 0094-0098<br>METHOD FOR CALCULATING THE CHANGE IN BILLET<br>SHAPE AND ROLL PASS DESIGN DURING THE TWO<br>PASS ROLLING OF V SHAPE BILLET IN MULTI<br>ROLL PASS DESIGN<br>FSTC-HT-23-575-75 | # | 000000028667 |
| SHVARTSBART, YA. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0003, PP 0099-0104<br>CHOICE OF A MODEL FOR A MEDIUM DEFORMED<br>IN CONDITIONS OF HOT TREATMENT OF METAL<br>UNDER PRESSURE<br>FSTC-HT-23-0576-75                                             | # | 000000023524 |
| MECHAS, YU. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0003, PP 0110-0113<br>KINETICS OF ESTABLISHING THE EQUILIBRIUM<br>ELECTRICAL RESISTANCE IN THE SOLIDUS-LIQUIDUS<br>ZONE<br>NTC-76-11080-11F                                                       | # | 000000083276 |
| KARASYUK, N. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0003, PP 0132-0134<br>RELATIONSHIP OF THE PARAMETRIC SUSCEPTIBILITY<br>AND OF THE AGEING PROCESS FOR THE HIGH<br>TEMPERATURE ALLOY E 14378 TO TEMPERATURE E<br>BISI 12420                        | # | 000000002577 |
| RYBALKO, L. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0003, PP 0146-0149<br>USE OF THE METHOD OF GROUP INCLUSION OF THE<br>ARGUMENTS FOR THE DEVELOPMENT OF A MODEL OF THE<br>OXYGEN-CONVERTER PROCESS<br>BISI 11779                                    | # | 000000002576 |
| POLESYA, A. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0003, PP 0149-0153                                                                                                                                                                                | # | 000000017695 |

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| STRUCTURE OF NI-SB ALLOYS QUENCHED FROM THE<br>MOLTEN STATE<br>BISI 12421                                                                                                                                                                                       | # | 000000002578 |
| ZLOBINSKII, V. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0003, PP 0154-0157<br>FACTORS INFLUENCING THE SOUND EMISSION OF<br>CAST IRONS<br>BISI 12422                                                                                   | # | 000000002409 |
| SABEL'NIKOV, A. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0003, PP 0158-0161<br>THE TEMPERATURE FIELD AND THERMOELASTIC<br>STRESSES IN CYLINDER OF UNLIMITED EXTENT<br>CONTAINING AN INTERNAL SOURCE OF HEAT<br>REPORT 2<br>BISI 12423 | # | 000000000954 |
| GLINKOV, M. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0003, PP 0166-0169<br>DYNAMICS OF A GAS JET IN A LIQUID<br>BISI 12424                                                                                                            | # | 000000000934 |
| ILYUKOVICH, B. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0004, PP 0069-0073<br>THE THEORETICAL INVESTIGATION OF THE PROCESS OF<br>ROLLING PASSES<br>BISI 12573                                                                         | # | 000000017662 |
| RUFANOV, YU. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0004, PP 0114-0115<br>THE MECHANISM BY WHICH STEELS ARE DECARBURIZED<br>DURING VACUUM-HYDROGEN-VACUUM CYCLES<br>BISI 12524                                                      | # | 000000039857 |
| YAKUSHEKIN, YE. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0004, PP 0116-0119<br>INVESTIGATION OF THE INFLUENCE OF CHROMIUM<br>MANGANESE, SILICON AND PHOSPHORUS ON THE<br>DIFFUSION RATE OF ARSENIC.<br>NTC 75-12950-11F               | # | 000000052097 |
| YAKUSHEKIN, YE. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0004, PP 0116-0119<br>INVESTIGATION OF THE INFLUENCE OF CHROMIUM<br>MANGANESE, SILICON AND PHOSPHORUS ON THE<br>DIFFUSION RATE OF ARSENIC.<br>NTC 75-12950-11F               | # | 000000164557 |
| YAKUSHEKIN, YE. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0004, PP 0116-0119<br>INVESTIGATION OF THE INFLUENCE OF CHROMIUM<br>MANGANESE, SILICON AND PHOSPHORUS ON THE DIFFUSION<br>RATE OF ARSENIC<br>NTC 75-12950-11F                | # |              |

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| MORZHAKOV, A. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0004, PP 0129-0132<br>SELECTION OF OPTIMUM VERSION OF HEAT TREATMENT<br>FOR HARD-ALLOY DRILL BITS<br>BISI 12525                                                                | 000000017696 |
| DRAPKIN, B. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0004, PP 0133-0135<br>INVESTIGATION OF THE GROWTH KINETICS OF GRAPHITE<br>INCLUSIONS IN CAST IRON<br>BISI 12526                                                                  | 000000017697 |
| VOZDVIZHENSKIY, V. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0004, PP 0136-0139<br>THE POSSIBILITY OF USING THE MICRO-HARDNESS<br>METHOD TO INVESTIGATE THE PROCESS OF THERMAL<br>FATIGUE FAILURE<br>BISI 12527                        | 000000017698 |
| KHAROV, A. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0004, PP 0140-0143<br>INVESTIGATION OF THE SPECIAL FEATURES OF THE<br>DYNAMIC FAILURE OF CAST IRONS<br>BISI 12528                                                                | 000000017693 |
| GOLDFARB, YE. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0004, PP 0159-0163<br>OPTIMUM FUEL CONSUMPTION-BASED CONTROL OF METAL<br>HEATING FOR VARIABLE BILLET TRAVEL SPEED IN THE<br>CONTINUOUS FURNACE OF A ROLLING MILL<br>BISI 12529 | 000000017699 |
| TAITS, N. YU.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0004, PP 0164-0167<br>THE SELECTION OF CONDITIONS FOR HEATING<br>METAL WITH THE MINIMUM CONSUMPTION OF<br>FUEL<br>BISI 12530                                                      | 000000002420 |
| GLINKOV, M. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0027-0031<br>INVESTIGATION OF THE DYNAMIC OF SCRAP MELTING OF<br>MOLTEN OPEN-HEARTH BATH<br>BISI 12577                                                                  | 000000205972 |
| IOOKO, E. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0049-0052<br>SOLIDIFICATION CALCULATION AND ASSESSMENT<br>OF THE KNOWN METHODS OF ACCELERATING INGOT<br>SOLIDIFICATION<br>NTC 75 12060-13H                                | 000000046112 |
| POTAPKIN, V. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0069-0073<br>STRESS AND RATE FIELD WHEN ROLLING STOCK                                                                                                                  | 000000046113 |



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| OF MEDIUM THICKNESS<br>NTC 75 12061-13H                                                                                                                                                                                  | # | 00000002418  |
| NYASHIN, YU. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0074-0078<br>SOLVING THE PROBLEM OF PROCESSING METALS BY<br>PRESSURE THROUGH THE METHOD OF FINITE<br>ELEMENTS<br>BISI 12580     | # | 000000043043 |
| ONISHCHENKO, I. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0079-0082<br>METHOD INVESTIGATING THE DEFORMED<br>STATE OF THE METAL DURING TUBE PRODUCTION<br>PROCESSES<br>NTC 75 12062-11F | # | 000000054412 |
| ONISHCHENKO, I. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0079-0082<br>METHOD INVESTIGATING THE DEFORMED<br>STATE OF THE METAL DURING TUBE PRODUCTION<br>PROCESSES<br>NTC 75 12062-11F | # | 000000046114 |
| DANILOV, V. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0087-0091<br>THE ROLLING OF VARIABLE CROSS SECTION<br>SECTIONS WITH ONE DRIVEN ROLL<br>NTC 75 12063-13H                          | # | 000000017700 |
| ZHELEZNOV, YU. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0107-0110<br>TRANSMISSION FUNCTION OF AN OBJECT IN MONITORING<br>THE FLATNESS OF ROLLED STOCK<br>BISI 12581                   | # | 000000017701 |
| FILIPPOV, YE. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0115-0121<br>REASONS FOR THE GROUPING FORMATION DESTRUCTURING<br>MELTING AND BOILING OF MOLTEN METALS<br>BISI 12582            | # | 000000017702 |
| KUZNETSOV, G. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0146-0149<br>COMPARATIVE EVALUATION OF THE EFFECTIVENESS OF<br>PROCESSES OF FORMATION OF COATINGS<br>BISI 12583                | # | 000000021337 |
| KHAIRETOINOV, YE. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0154-0156<br>STRUCTURAL-PHASE CHANGES IN THE SURFACE<br>LAYER OF A PUNCH<br>BISI 12584                                     | # | 000000017703 |
| GINIYATULLIN, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//                                                                                                                                                           |   |              |

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| 00/00/1974,V----,N0005, PP 0157-0159<br>STUDY OF THE THERMOELECTROMOTIVE FORCE OF SURFACE<br>LAYERS OF DECARBONIZED WIRE ROD<br>BISI 12585                                                                                           | # |               |
| ABROSIMOV, A. E.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0005, PP 0180-0185<br>SOME OF THE PROBLEMS OF CONTROLLING THE OXYGEN<br>CONVERTER PROCESS FROM THE CONVERTER NOISE DURING<br>THE BLOW<br>BISI 12587 | # | 000000011122  |
| BOKSER, E. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0006, PP 0008-0010<br>SPEED OF THE SPREAD OF BOROSILICATE MELTS OVER<br>METAL SURFACES 11 PP<br>BISITS 12661                                           | # | 0000000117599 |
| SMIRNOV, V. K.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0006, PP 0072-0076<br>DEFORMATION AND POWER PARAMETERS WHEN ROLLING<br>SQUARE STOCK IN AN HEXAGONAL PASS<br>BISI 12666                                | # | 000000017704  |
| CHELYSHEV, N. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0006, PP 0082-0083<br>LENGTH OF ARC OF GRIP IN ASYMMETRICAL<br>ROLLING<br>NTC 75 12057-13H                                                          | # | 000000046110  |
| ARKULIS, G. YE.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0006, PP 0088-0090<br>THE WORK HARDENING CURVES OF VARIOUS COMPONENT-<br>RATIO STEEL-ALUMINIUM WIRES<br>BISI 12667                                   | # | 000000023562  |
| DEL, G. D.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0006, PP 0091-0094<br>DETERMINATION OF DEFORMATION BY<br>ESTABLISHING THE FIBROUS MACROSTRUCTURE<br>FROM A FAMILY OF FIBERS<br>NTC 75 12058-11F           | # | 000000043042  |
| KHAIKIN, B. YE.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0006, PP 0114-0115<br>FORMATION OF OPTIMUM PASSES ON A MILL WITH A WIDE<br>RANGE OF ROLLED PRODUCTS<br>BISI 12670                                    | # | 000000017705  |
| SHAKIROV, V. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0006, PP 0170-0172<br>OPTIMUM RESERVES ON STEEL-MELTING SCHEDULES<br>TO ENSURE MAXIMUM RELIABILITY OF FULFILMENT<br>REPORT NO 2<br>NTC 75 12059-13H  | # | 000000046111  |

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| STOROZHNIK, D. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0006, PP 0181-0184<br>THE DESIGN OF THE PRESSURE FITTINGS IN CERTAIN<br>BLAST FURNACE CONCENTRATION EQUIPMENT VALVES<br>BISI 12675                                                                                         | 000000032104 |
| BALAKIR, E. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0007, PP 0022-0025<br>MUTUAL DIFFUSION IN A COPPER-NICKEL SYSTEM<br>*NTIS TT 79-58084                                                                                                                                         | 000000163574 |
| BALAKIR, E. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0007, PP 0022-0025<br>MUTUAL DIFFUSION IN A COPPER-NICKEL SYSTEM<br>NTC 80-10106-11F                                                                                                                                          | 000000231700 |
| KIDIN, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0007, PP 0139-0142<br>SINTERING OF POROUS SILICONIZED LAYERS DURING<br>HEATING WITH HIGH FREQUENCY CURRENT<br>BISI 12732                                                                                                        | 000000021345 |
| KIDIN, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0007, PP 0139-0142<br>SINTERING OF POROUS SILICONIZED LAYERS DURING<br>HEATING WITH HIGH FREQUENCY CURRENT 9 PP<br>BISI 12732                                                                                                   | 000000147763 |
| CHERNYATIN, A. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0008, PP 0019-0022<br>CONTRADICTION NATURE OF THE DOCTRINE ON THE ROLE<br>OF INDIRECT REDUCTION OF IRON IS THE RESULT<br>OF SEPARATING THE THERMO-DYNAMICS OF THE<br>BLAST-FURNACE PROCESS FROM THE KINETICS<br>BISI 12793 | 000000009247 |
| SOKOLOVSKIY, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0008, PP 0058-0061<br>DETERMINING THE WIDTH OF THE CURVILINEAR PASS<br>GROOVES ON COLD ROLLING MILLS<br>BISI 12796                                                                                                        | 000000205973 |
| RIMEN, B. KH.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0008, PP 0066-0069<br>ENGINEERING METHOD OF CALCULATING THE ROLLING<br>TEMPERATURE BEHAVIOUR OF BILLET MILLS<br>BISI 12797                                                                                                     | 000000017706 |
| ZEMSKIY, S. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0008, PP 0099-0102<br>DIFFUSION OF NICKEL FROM AN INTERMEDIATE NICKEL<br>LAYER DURING THE ANNEALING OF BIMETALS<br>BISI 12799                                                                                                 | 000000205974 |
| MINTS, R. I.                                                                                                                                                                                                                                                                                                 | 000000003494 |

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| <p>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0008, PP 0107-0110<br/> MORPHOTROPY (MORPHOLOGICAL TYPES) OF MARTENSITE<br/> IN A LUNAR NICKEL-CONTAINING IRON 4 PP<br/> BISI 12800</p>                                          | # |              |
| <p>RADZHABOVA, D. SH.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0009, PP 0005-0009<br/> STUDY OF METALLIC MELT DIFFUSION PROCESS<br/> IN SMALL DIAMETER CAPILLARIES<br/> BISI 12885</p>                                  | # | 000000011054 |
| <p>RADZHABOVA, D. SH.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0009, PP 0005-0009<br/> STUDY OF METALLIC MELT DIFFUSION PROCESSES IN<br/> SMALL DIAMETER CAPILLARIES<br/> *BISI 12885</p>                               | # | 000000205961 |
| <p>FILLIPPOV, S. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0009, PP 0010-0016<br/> SURFACE TENSION AND PROPERTIES OF IRON-OXYGEN<br/> MELTS<br/> HSE 8743</p>                                                         | # | 000000221770 |
| <p>MIKALICH, V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0009, PP 0040-0043<br/> DETERMINING THE THERMODYNAMIC PARAMETERS<br/> OF THE PROCESS OF DEOXIDATION BY THE<br/> E.M.F. METHOD REPORT 1<br/> BISI 12887</p>     | # | 000000010530 |
| <p>MIKHALICH, V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0009, PP 0040-0043<br/> DETERMINING THE THERMODYNAMIC PARAMETERS OF THE<br/> PROCESS OF DEOXIDATION BY THE E. M. F. METHOD<br/> REPORT 1<br/> *BISI 12887</p> | # | 000000205962 |
| <p>ANTIPIN, V. G.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0009, PP 0059-0062<br/> INVESTIGATION OF CHANGES IN STEEL TEMPERATURE<br/> DURING DEOXIDATION OUTSIDE THE FURNACE AND<br/> TEMPERING<br/> *BISI 12888</p>    | # | 000000205963 |
| <p>OIKS, G. N.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0009, PP 0063-0066<br/> OXIDATION OF THE STEEL STREAM DURING<br/> POURING<br/> BISI 12889</p>                                                                   | # | 000000010528 |
| <p>POLUKHIN, P. I.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0009, PP 0080-0084<br/> INVESTIGATION OF PROCESSES OF ROLLING TUBE<br/> BILLETS IN VACUUM<br/> *BISI 12890</p>                                              | # | 000000205964 |

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| SMIRNOV, V. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0085-0088<br>SOLUTION OF THE TWO-DIMENSIONAL CONTACT<br>PROBLEM OF ROLLING THEORY<br>BISI 12891                                                                          | 000000010520 |
| SMIRNOV, V. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0085-0088<br>SOLUTION OF THE TWO-DIMENSIONAL CONTACT PROBLEMS<br>OF ROLLING THEORY<br>*BISI 12891                                                                        | 000000205965 |
| POLUKHIN, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0100-0104<br>ASSESSMENT OF THE RELIABILITY OF THE TREAD<br>FITTING OF BACK UP ROLLS<br>BISI 12892                                                                       | 000000010521 |
| PLUKHIN, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0100-0104<br>ASSESSMENT OF THE RELIABILITY OF THE TREAT<br>FITTING OF BACK-UP ROLLS<br>*BISI 12892                                                                       | 000000205966 |
| SKAKOV<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0116-0120<br>X-RAY EXAMINATION OF THE STRUCTURE OF COPPER<br>AFTER LOW-AMPLITUDE ULTRASONIC DEFORMATION<br>*BISI 12893                                                           | 000000205967 |
| FILIPPOV, YE. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0125-0131<br>STRUCTURAL-PERITECTIC TRANSFORMATIONS IN LIQUID<br>ALLOYS OF SYSTEMS WITH A CASCADE OF PERITECTIC<br>TRANSFORMATIONS<br>BISI 12894                        | 000000009256 |
| FILIPPOV, YE. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0125-0131<br>STRUCTURAL-PERITECTIC TRANSFORMATIONS IN LIQUID<br>ALLOYS OF SYSTEMS WITH A CASCADE OF PEPECTIC<br>TRANSFORMATIONS<br>*BISI 12894                         | 000000205968 |
| LIVSHITS, B. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0132-0135<br>OPTIMIZING THE HAAT TREATMENT OF AN ALLOY BASED<br>ON RARE EARTH METALS, CONTAINING COBALT AND COP<br>PER, WITH A HIGH COERCIVE FORCE 8 PP<br>BISITS 12895 | 000000117604 |
| LIVSHITS, B. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0132-0135<br>OPTIMIZING THE HEAT TREATMENT OF AN ALLOY BASED<br>ON RARE EARTH METALS, CONTAINING COBALT AND                                                             | 000000205949 |

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| COPPER WITH A HIGH COERCIVE FORCE<br>BISI 12895                                                                                                                                                                    | # | 000000011053 |
| PORUCHIKOV, YU. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0141-0145<br>AVERAGE TRANSLATORY SPEED OF A FLOW<br>OF MELTS OVER THE SURFACE OF A MOULD<br>BISI 12896                 | # | 000000205969 |
| PORUCHIKOV, YU. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0141-0145<br>AVERAGE TRANSLATORY SPEED OF THE FLOW OF MELTS<br>OVER THE SURFACE OF A MOULD<br>*BISI 12896              | # | 000000205970 |
| NIKULIN, L. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0009, PP 0146-0149<br>PHASE DIAGRAMS AND PROPERTIES OF CASTING ALLOYS<br>WITH NON-EQUILIBRIUM CRYSTALLIZATION<br>*BISI 12897        | # | 000000220870 |
| MIKHAILOV, G. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0010, PP 0005-0007<br>THERMODYNAMICS OF REACTIONS OCCURRING IN THE<br>INTER-ACTION OF VANADIUM AND OXYGEN DISSOLVED<br>BISI 13001 | # | 000000220907 |
| MIKHAILOV, G. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0010, PP 0005-0007<br>THERMODYNAMICS OF REACTIONS OCCURRING IN THE<br>INTER-ACTION OF VANADIUM AND OXYGEN DISSOLVED<br>BISI 13001 | # | 000000021249 |
| LOTOSH, V. YE.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0010, PP 0026-0029<br>SIZE GRADING OF MIXES OF MINIMUM VOIDAGE<br>BISI 13002                                                        | # | 000000011041 |
| KORSHIKOV, G. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0010, PP 0030-0033<br>ANALYTICAL EXPRESSION FOR THE TEMPERATURE<br>CURVE IN THE SINTERING OF A MIX<br>BISI 13003                  | # | 000000220906 |
| KAPLUN, P. R.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0010, PP 0043-0047<br>EFFECT OF BELOW PARAMETERS AND GEOMETRIC CONVERTER<br>BATH DIMENSIONS ON MIXING INTENSITY<br>BISI 13004        | # | 000000011046 |
| KLIMENKO, V. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0010, PP 0069-0072<br>CERTAIN DRAWING TOOL MOVEMENT PATTERNS<br>ENSURING ALTERNATE LOADING FOR THEM<br>BISI 13005                  | # |              |

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| <p>LYASHKOV, V. B.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0010, PP 0075-0078<br/> EFFECT OF TENSION OF KINEMATICS OF THE<br/> PROCESS OF ROLLING BIMETAL AND LAMINATED<br/> PACKS<br/> BISI 13006</p>                                     | 000000010524  |
| <p>PERETYAT'KO, V. N.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0010, PP 0078-0081<br/> INVESTIGATION OF DEFORMATION IN THE<br/> PROPAGATION OF A PLASTIC WAVE IN TYPE<br/> ST 10 STEEL<br/> BISI 13007</p>                                  | 000000011052  |
| <p>VAISBURD, R. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0010, PP 0082-0087<br/> ENSURING THE OPTIMUM CONTROL OF THE DRAWING<br/> OUR PROCESS FORGING OF A RECTANGULAR<br/> SECTION STOCK<br/> BISI 13008</p>                            | 000000042312  |
| <p>CHELYSHEV, N. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0010, PP 0096-0098<br/> INVESTIGATION OF THE HIGH-SPEED DEFORM<br/> ATION AND RUPTURE OF SOLID BODIES<br/> BISI 13009</p>                                                      | 000000011051  |
| <p>SKLYEV, P. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0010, PP 0102-0104<br/> EFFECTS OF OVERHEATING AND RECRYSTALLIZATION<br/> ON THE MECHANICAL PROPERTIES OF 34KHN3M,<br/> 34KHNZMF1 AND 34KHMF2 STEELS<br/> BISI 13010</p>          | 000000011039  |
| <p>SKYLUEV, P. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0010, PP 0102-0104<br/> EFFECTS OF OVERHEATING AND RECRYSTALLIZATION ON<br/> THE MECHANICAL PROPERTIES OF 34KHN3M, 34KHNZMF1,<br/> AND 34KHMF2 STEELS 7 PP<br/> BISITS 13010</p> | 0000000117605 |
| <p>GRACHEV, S. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0010, PP 0115-0117<br/> STEP TWO-STAGE PATENTING OF ALLOY<br/> STEEL WIRE<br/> BISI 13011</p>                                                                                    | 000000011050  |
| <p>GRACHEV, S. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0010, PP 0115-0117<br/> STEP PATENTING OF ALLOY STEEL WIRE<br/> *BISI 13011</p>                                                                                                  | 000000205985  |
| <p>GAVRILLIN, I. V.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0010, PP 0135-0141<br/> SELECTING RATIONAL SECOND ORDER INOCULANTS</p>                                                                                                         | 000000116236  |

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| FOR STEEL.<br>BISI 13013                                                                                                                                                                                                                    | # | 000000220911 |
| KHRAPOV, A. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0010, PP 0142-0145<br>RESEARCH INTO THE SPECIAL FEATURES OF THE<br>BREAKDOWN OF GREY CAST IRON AND MAGNESIUM CAST<br>IRON AT HIGH TEMPERATURE<br>BISI 13014 | # | 000000011047 |
| TRUKHIN, B. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0010, PP 0175-0176<br>CONCENTRATION OF INERTIA STRESSES AT<br>THE OUTER EDGE OF A TOOTHED DISC-SAW<br>BLADE<br>BISI 13015                                    | # | 000000026885 |
| ZHEREBIN, B. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0011, PP 0019-0023<br>ANALYSIS OF THE BLAST FURNACE PROCESS<br>IN THE SMELTING OF LISAKOVKA IRON FEED<br>BISI 13062                                         | # | 000000220901 |
| SHCHERBAKOV, V. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0011, PP 0029-0032<br>ADAPTIVE ALGORITHMS FOR OPTIMUM ASSESSMENT OF THE<br>CARBON CONCENTRATION IN MOLTEN STEEL<br>BISI 13063                            | # | 000000026887 |
| MIKHALICH, V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0011, PP 0033-0036<br>THE E.M.F. METHOD USED FOR DETERMINING<br>THE THERMODYNAMIC PARAMETERS OF THE<br>PROCESS OF DEOXIDATION REPORT 2<br>BISI 13064          | # | 000000116239 |
| KAZACHKOV, YE. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0011, PP 0054-0057<br>MATHEMATICAL SIMULATION OF THE SOLIDIFICATION<br>OF RECTANGULAR SECTION STEEL INGOTS.<br>BISI 13065                                 | # | 000000116252 |
| POTAPOV, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0011, PP 0065-0068<br>INVESTIGATION OF THE DEFORMATION STATE IN<br>HELICAL ROLLING WITH THE USE OF COORDINATE<br>GRIDS.<br>BISI 13066                        | # | 000000220904 |
| OPTAPOV, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0011, PP 0065-0068<br>INVESTIGATION OF THE DEFORMATION STATE IN HELICAL<br>ROLLING WITH THE USE OF COORDINATE GRIDS<br>BISI 13066                            | # | 000000116253 |
| POTAPOV, I. N.                                                                                                                                                                                                                              |   |              |



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| <p>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0011, PP 0073-0077<br/> THE REDUCTION OF PARTICULARLY THICK-WALLED<br/> HOLLOW BODIES USING LARGE FEED-ANGLES.<br/> BISI 13067</p>                                              | # |              |
| <p>OPTAPOV, I. N.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0011, PP 0073-0077<br/> THE REDUCTION OF PARTICULARLY THICK WALLED HOLLOW<br/> BODIES USING LARGE FEEDING ANGEL<br/> BISI 13067</p>                         | # | 000000220903 |
| <p>GRAFOV, B. G.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0011, PP 0074-0082<br/> THE SUPERPLASTICITY OF HYDRAULICALLY<br/> EXTRUDED ZHS6KP ALLOYS<br/> BISI 13068</p>                                                 | # | 000000012527 |
| <p>GRAFOV, B. G.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0011, PP 0078-0082<br/> THE SUPERPLASTICITY OF HYDRAULICALLY EXTRUDED<br/> ZHS6KP ALLOY.<br/> BISI 13068</p>                                                 | # | 000000116251 |
| <p>ANCHEV, V. KH.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0011, PP 0132-0139<br/> INFLUENCE OF ULTRA-SOUND ON MICRO-HARDNESS<br/> AND DISLOCATION STRUCTURE OF COPPER<br/> BISI 13070</p>                             | # | 000000021243 |
| <p>LEVIN, B. E.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0011, PP 0158-0166<br/> NICKEL ZINC FERRITES CONTAINING COPPER<br/> BISI 13071</p>                                                                            | # | 000000220902 |
| <p>ZHUKOV, A. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0011, PP 0162-0164<br/> STRUCTURE OF VANADIUM-ALLOYED CAST IRONS<br/> BISI 13072</p>                                                                         | # | 000000032099 |
| <p>SHONG, KAO VAN<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0011, PP 0175-0178<br/> EFFECTS OF THE RATE OF FLOW OF GAS THROUGH<br/> ROOF LANCES ON EROSION OF THE ROOF AND<br/> THE RATE OF SPATTER<br/> BISI 13073</p> | # | 000000026886 |
| <p>KAGANOV, V. YU.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0011, PP 0179-0181<br/> CALCULATION OF "LIQUIDUS" SENSING ELEMENTS.<br/> BISI 13074</p>                                                                    | # | 000000116238 |
| <p>KAZACHOV, E. A.<br/> //IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/> 00/00/1974,V----,N0011, PP 0179-0181<br/> CALCULATION OF LIQUIDUS SENSING ELEMENTS</p>                                                                                       |   | 000000220900 |

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| BISI 13074                                                                                                                                                                                                                   | # |              |
| POVOLTSKII, D. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0011-0014<br>ACTIVITY IN OXYGEN IN GRAPHITE AND CAST IRON.<br>BISI 13136                                                         | # | 000000116237 |
| TARASOV, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0015-0018<br>VOIDAGE OF TWO-COMPONENT MIXTURE OF<br>GRANULAR MATERIALS<br>BISI 13137                                                 | # | 000000021250 |
| ZARVIN, YE. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0033-0037<br>STUDY OF THE CONVERTER BATH BLOWING PROCESS<br>USING CINEMATOGRAPHY<br>BISI 13138                                      | # | 000000021348 |
| VYDRIN, V. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0047-0050<br>INVESTIGATION OF SPECIFIC FRICTIONAL FORCES<br>AND PRESSURE IN THE ASYMMETRICAL ROLLING OF<br>THICK STOCK<br>BISI 13139  | # | 000000032092 |
| ROIZEN, M. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0051-0053<br>CONDITIONS OF IMPACT-FREE GRIPPING OF METAL BY<br>TOLLING MILL ROLLS.<br>BISI 13140                                     | # | 000000116249 |
| ROIZEN, M. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0051-0053<br>CONDITIONS OF IMPACT FREE GRIPPING OF METAL BY<br>ROLLING MILL ROLLS<br>BISI 13140                                      | # | 000000220905 |
| KOLMOGROV, G. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0065-0068<br>HYDRODYNAMIC EFFECT OF A LIQUID LUBRICANT<br>DURING UPSETTING<br>BISI 13141                                           | # | 000000046345 |
| KOLMOGROV, G. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0065-0068<br>HYDRODYNAMIC EFFECT OF A LIQUID LUBRICANT<br>DURING UPSETTING<br>BISI 13141                                           | # | 000000137491 |
| KHAIKIN, B. YE.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0069-0073<br>INVESTIGATION OF OPERATION OF ROLLING<br>COMPLEX FROM THE POSITION OF THE THEORY OF<br>MASS SERVICING: COMMUNICATION 2 | # | 000000024566 |

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| BISI 13142                                                                                                                                                                                                                                   | # |              |
| CHELYSHEV, N. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0074-0076<br>SOME OF THE FEATURES OF THE DYNAMIC RUPTURE<br>OF ST3/BRASS BIMETAL<br>BISI 13143                                                     | # | 000000024568 |
| PERMYAKOV, V. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0085-0087<br>MAGNETOMETRIC RESEARCH INTO TRANSFORMATION<br>OF THE RESIDUAL AUSTENITE IN R12 STEEL<br>BISI 13144                                    | # | 000000021279 |
| GUL', YU. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0092-0097<br>CHANGE IN THE CHARACTERISTICS OF DEFORMATION<br>STRENGTHENING DURING ARTIFICIAL STRAIN<br>AGEING OF TECHNICAL-GRADE IRON<br>BISI 13145    | # | 000000021278 |
| ATANASOVA, I. R.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0105-0108<br>NITRIDING OF HIGH-CHROMIUM STEELS ALLOYED<br>WITH ALUMINIUM<br>BISI 13146                                                             | # | 000000032100 |
| ATANASOVA, I. R.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0105-0108<br>NITRIDING OF HIGH-CHROMIUM STEELS ALLOYED<br>WITH ALUMINIUM<br>BISI 13146                                                             | # | 000000033087 |
| VERSHININ, P. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0114-0118<br>RESEARCH INTO THE HEAT TRANSFER DURING THE<br>CASTING OF STEEL IN CHILL MOULDS COOLED WITH<br>MOLTEN METAL HEAT-BEARERS<br>BISI 13148 | # | 000000032096 |
| GRANKOVSKII, V. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V----,N0012, PP 0134-0137<br>STATIC CONTROL OF HEATS IN OPEN-HEARTH FURNACES<br>BISI 13149                                                                       | # | 000000042317 |
| TAITS, N. YU.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N----, PP 0164-0167<br>SELECTION OF CONDITIONS FOR HEATING METAL<br>WITH THE MINIMUM CONSUMPTION OF FUEL<br>BISI 12530                                          | # | 000000174654 |
| YELYUTIN, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0005-0007<br>DEPOSITION OF TITANIUM CARBIDE ON A REFRACTORY                                                                                         | # | 000000177217 |

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| SUBSTRATE<br>BISI 12250                                                                                                                                                                                                     | # |              |
| YELYUTIN, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0005-0007<br>DEPOSITION OF TITANIUM CARBIDE ON A REFRACTORY<br>SUBSTRATE<br>BISI 12250                                             | # | 000000197484 |
| YUSFIN, I. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0018-0020<br>EFFECT OF CRYSTAL STRUCTURE IMPERFECTION ON THE<br>SINTERING OF IRON OXIDES<br>BISI 12251                               | # | 000000172038 |
| YUSFIN, YU. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0018-0020<br>EFFECTS OF CRYSTAL STRUCTURE IMPERFECTIONS<br>ON THE SINTERING OF IRON OXIDES<br>BISI 12251                            | # | 000000197571 |
| GLINKOV, M. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0034-0036<br>MATHEMATICAL PORTRAYAL OF THE PROCESSES OF<br>OXIDATION OF IMPURITIES DURING CONTINUOUS<br>STEELMAKING<br>BISI 12252   | # | 000000172037 |
| GLINKOV, M. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0034-0036<br>MATHEMATICAL PORTRAYAL OF THE PROCESSES<br>OF OXIDATION OF IMPURITIES DURING<br>CONTINUOUS STEEL MELTING<br>BISI 12252 | # | 000000197491 |
| KAPLUN, P. R.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0037-0041<br>HYDRODYNAMIC AND DIFFUSION PROCESSES IN PLANT<br>FOR THE CONTINUOUS CONVERSION OF IRON<br>BISI 12253                    | # | 000000172036 |
| KAPLUN, P. R.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0037-0041<br>HYDRODYNAMIC AND DIFFUSION PROCESSES IN PLANT<br>FOR THE CONTINUOUS CONVERSION OF IRON REPORT 1.<br>BISI 12253          | # | 000000197493 |
| SHEVTSOV, E. K.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0042-0046<br>MECHANISM OF THE INFORMATION OF THE SLAG METAL<br>TRANSITION ZONE IN A MOLTEN HEARTH BATH<br>BISI 12254               | # | 000000172035 |
| SHEVTSOV, YE. K.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0042-0046                                                                                                                         | # | 000000172034 |

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| MECHANISM OF THE INFORMATION OF THE SLAG-METAL<br>TRANSITION ZONE IN A MOLTEN HEARTH BATH<br>BISI 12254                                                                                                       | # | 000000197492 |
| SHEVTSOV, YE. K.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0042-0046<br>MECHANISM OF THE FORMATION OF THE SLAG-METAL<br>TRANSITION ZON IN A MOLTEN HEARTH BATH<br>BISI 12254   | # | 000000197486 |
| MILENIN, YE. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0052-0059<br>EFFECTS OF ULTRASONIC VIBRATIONS ON THE<br>MICROSTRUCTURE OF HEAT-RESISTING NICKEL ALLOYS<br>BISI 12255 | # | 000000172033 |
| MILYENIN, E. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0059-0062<br>EFFECT OF ULTRASONIC VIBRATIONS ON THE<br>MICROSTRUCTURE OF HEAT RESISTING NICKEL ALLOYS<br>BISI 12255  | # | 000000178992 |
| POLUKHIN, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0074-0077<br>PART PLAYED BY FLATTENING OF THE MILL ROLL IN<br>FORMING THE TRANSVERSE PROFILE OF STOCK<br>BISI 12256  | # | 000000197476 |
| POLUKHIV, P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0074-0077<br>PART PLAYED BY FLATTENING OF THE MILL ROLL<br>IN FORMING THE TRANSVERSE PROFILE OF STOCK<br>BISI 12256     | # | 000000178991 |
| SMIRNOV, V. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0087-0089<br>CONTACT STRESSES DURING THE ROLLING OF TEXTURED<br>MATERIAL<br>BISI 12257                                | # | 000000172082 |
| KOLIKOV, A. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0090-0092<br>INVESTIGATION OF THE CROSS ROLLING OF MOLYBDENUM<br>AND NIOBIUM<br>BISI 12258                            | # | 000000197451 |
| KOLIKOV, A. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0090-0092<br>INVESTIGATION OF THE CROSS ROLLING OF<br>MOLYBDENUM AND NIOBIUM<br>BISI 12258                            | # | 000000172081 |
| SOKOLOV, L. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0102-0103<br>PERFECTING THE TECHNOLOGY OF FORGING OF ORE                                                              | # |              |

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| WITH COMBINATION HEADS<br>BISI 12259                                                                                                                                                                 | # | 000000172032 |
| MECHAYEV, Y. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0125-0131<br>THE HEAT AND ENERGY OF TRANSPORT OF VACANCIES<br>CRYSTALS<br>BISI 12260                        | # | 000000197567 |
| MECHAYEV, YU. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0125-0131<br>THE HEAT AND ENERGY OF TRANSPORT OF VACANCIES<br>IN METALLIC CRYSTALS<br>BISI 12260           | # | 000000172031 |
| BELYATSKAYA, I. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0136-0138<br>THE MAGNETIC PROPERTIES OF TiN-AL ALLOYS WITH<br>CARBON<br>BISI 12261                       | # | 000000172030 |
| LEVIN, B. E.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0139-0141<br>STRUCTURE AND PROPERTIES OF MAGNESIUM ZINC<br>FERRITE ALLOYED WITH CUPRIC OXIDE<br>BISI 12262     | # | 000000197489 |
| LEVIN, B. YE.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0139-0141<br>STRUCTURE AND PROPERTIES OF MAGNESIUM-INC<br>FERRITE AND ALLOYED WITH CUPRIC OXIDE<br>BISI 12262 | # | 000000172029 |
| MOZHAROV, M. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0149-0153<br>REDISTRIBUTION OF ELEMENTS DURING ELECTROLYTIC<br>BORIDING<br>BISI 12263                       | # | 000000197570 |
| MOZHAROV, M. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0149-0153<br>REDISTRIBUTION OF ELEMENTS DURING ELECTROLYTIC<br>BORIDING<br>BISI 12263                       | # | 000000177098 |
| NOVIKOV, V. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0166-0169<br>RESEARCH INTO HEAT TRANSFER IN A CHANNEL TYPE<br>HIGH SPEED HEATING FURNACE<br>BISI 12264       | # | 000000197522 |
| NOVIKOV, V. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0166-0169<br>RESEARCH INTO HEAT-TRANSFER IN A CHANNEL-TYPE<br>HIGH-SPEED HEATING FURNACE                     |   |              |

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| BISI 12264                                                                                                                                                                                                                                                    | # | 000000177085 |
| BROVKIN, L. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0170-0174<br>THERMAL CALCULATION OF A COMPARTMENT FURNACE<br>UNDER A STEADY-STATE SCHEDULE<br>BISI 12265                                                              | # | 000000177085 |
| BROVKIN, L. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0170-0174<br>THERMAL CALCULATION OF A COMPARTMENT<br>FURNACE UNDER A STEADY-STATE SCHEDULE<br>BISI 12265                                                              | # | 000000197495 |
| SIMONOV, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0175-0178<br>ANALYSIS OF THE THERMAL CONDITIONS IN THE MOULDS<br>OF PLANT FOR THE CONTINUOUS CASTING OF METALS<br>BISI 12266                                          | # | 000000177086 |
| SIMONOV, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0175-0178<br>ANALYSIS OF THE THERMAL CONDITIONS IN THE MOULDS<br>OF PLANT FOR THE CONTINUOUS CASTING OF METALS<br>BISI 12266                                          | # | 000000197456 |
| GLINKOV, G. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0185-0188<br>STUDY OF THE HETEROGENEITY OF A LIQUID OPEN HEART<br>BATH BY MEANS OF RADIOACTIVE ISOTOPES<br>BISI 12267                                                 | # | 000000177087 |
| GLINKOV, G. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0001, PP 0185-0188<br>STUDY OF THE HETEROGENEITY OF A LIQUID<br>OPEN-HEARTH BATH BY MEANS OF RADIOACTIVE ISOTOPES<br>BISI 12267                                                | # | 000000197501 |
| LEVCHIKIN, O. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0009-0011<br>CARBONIZATION OF THE SURFACE LAYER OF IRON AND<br>NICKEL DURING THE REDUCTION OF INTERFERENCE<br>COLOUR OXIDE FILMS WITH CARBON MONOXIDE<br>BISI 12338 | # | 000000265368 |
| KONOVALOV, G. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0015-0017<br>INTER-PHASE TENSION OF TYPE 15K STEEL WITH<br>SLAGS, USED FOR CONTINUOUS CASTING AND<br>ADHESION OF THE PHASES<br>BISI 12339                           | # | 000000197569 |
| OSINOVSKIY, L. L.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0035-0039<br>CHANGE IN THE ENTHALPY AND SPECIFIC HEAT OF                                                                                                           | # | 000000197577 |

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| BLAST-FURNACE SLAGS DURING THEIR HEAT TREATMENT<br>BISI 12340                                                                                                                                                                       | # | 000000197494 |
| MESTERENKO, S. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0040-0044<br>DETERMINING THE ELECTRICAL CONDUCTIVITY<br>OF SLAG MELTS AT VARIOUS TEMPERATURES<br>BISI 12341                              | # | 000000197579 |
| GAVRILIN, YE. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0048-0052<br>DETERMINING THE POSITION OF A ROOF LANCE IN<br>A OPEN-HEARTH FURNACE BY ELECTRICAL METHODS<br>REPORT 1<br>BISI 12342         | # | 000000265355 |
| GAVRILIN, E. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0048-0052<br>DETERMINING THE POSITION OF A ROOF OXYGEN LANCE<br>IN AN OPEN HEARTH FURNACE BY ELECTRICAL METHODS<br>REPORT 1.<br>BISI 12342 | # | 000000197581 |
| MEDZHIBOZHSKIY, M. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0053-0057<br>DETAILED EXPLANATION OF THE BASIC LAW KINETICS<br>OF THE SOLUTION OF SOLID BODIES IN LIQUID<br>BISI 12343              | # | 000000261338 |
| MEDZHIBOZHSKIY, M. YA.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0053-0057<br>DETAILED EXPLANATION OF THE BASIC LAW OF<br>KINETICS OF THE SOLUTION OF SOLID IN LIQUIDS<br>BISI 12343                 | # | 000000197573 |
| BOGACHEV, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0127-0130<br>THE PLASTIC DEFORMATION AND PHOTOELECTRIC<br>(EXOEMISSION) PROPERTIES OF METALS AND ALLOYS<br>BISI 12344                      | # | 000000265367 |
| BOGACHEV, I. N.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0127-0130<br>THE PLASTIC DEFORMATION AND PHOTOELECTRIC<br>(EXOEMISSION) PROPERTIES OF METALS AND ALLOYS<br>BISI 12344                      | # | 000000197520 |
| DETKOV, S. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0142-0146<br>THE ABSORBING POWER OF GASEOUS PRODUCTS OF<br>COMBUSTION<br>BISI 12345                                                          | # | 000000261331 |
| DETKOV, S. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0142-0146                                                                                                                                    |   |              |



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| THE ABSORBING POWER OF GASEOUS PRODUCTS OF COMBUSTION<br>BISI 12345                                                                                                                                                                                         | # |              |
| KLEINER, M. K.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0156-0160<br>DETERMINING THE BOUNDARY FUNCTION FOR THE<br>ASYMMETRICAL HEATING FOR A CONTINUOUS CYLINDER<br>BISI 12346                                              | # | 000000261332 |
| GOLDFARB, E. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0161-0164<br>ANALYZING THE THERMAL STRESSES IN BRACED AND<br>SUSPENDED FURNACE ROOFS AND SELECTION OF A<br>RATIONAL DESIGN FOR FIZING THE SKEWBACKS<br>BISI 12347  | # | 000000197578 |
| GOLDFARB, E. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0161-0164<br>ANALYZING THE THERMAL STRESSES IN BRACED AND<br>SUSPENDED FURNACE ROOFS AND SELECTIONS OF A<br>RATIONAL DESIGN FOR FIXING THE SKEWBACKS<br>BISI 12347 | # | 000000265354 |
| SHAKIROV, V. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0002, PP 0174-0178<br>OPTIMUM RESERVES ON STEELMAKING SCHEDULES TO<br>ENSURE MAXIMUM RELIABILITY OF FULFILMENT REPORT<br>NO. 1<br>BISI 12348                                | # | 000000197572 |
| GRIGOREV, G. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0008-0010<br>INVESTIGATION OF THE KINETICS OF THE<br>DISPLACEMENT OF FLUX BY MOLTEN METAL ON THE<br>SURFACE OF A SOLID BODY 7 PP<br>BLL 5828.4 F:M-21958           | # | 000000294423 |
| KAPLUN, P. R.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0028-0031<br>HYDRODYNAMIC AND DIFFUSION PROCESSES IN AN<br>INSTALLATION FOR THE CONTINUOUS CONVERSION<br>OF PIG IRON<br>BISI 12413                                   | # | 000000230391 |
| ELYUTIN, V. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0036-0038<br>DEPOSITION OF TITANIUM CARBIDE ON GRAPHITE USING<br>LOW TEMPERATURE PLASMAS<br>BISI 12414                                                              | # | 000000230392 |
| KUCHERYAYEV, B. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0039-0043<br>USE OF THE SUPERIMPOSITION OF A UNIFORM FLOW AND<br>OTHER SIMPLEST FORMS OF FLOW FOR PLOTTING BASIC<br>SOLUTIONS TO THE PROBLEMS OF THE PRESSURE   | # | 000000294424 |

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| TREATMENT OF METAL 12 PP<br>BLL 5828.4 F:M-21959                                                                                                                                                                                                    | # |              |
| ONISHCHENKO, I. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0049-0052<br>DETERMINATION OF TRANSVERSE DEFORMATION DURING<br>CONTINUOUS ROLLING WITH TENSION<br>BISI 12415                                            | # | 000000230276 |
| OKHRIMENKO, YA. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0061-0064<br>TEMPERATURE IN THE IMMEDIATE DIE CONTACT ZONE<br>DURING THE STAMPING OF HEAT-RESISTANT BLADES<br>BISI 12416                                | # | 000000230275 |
| POLUKHIN, P. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0065-0068<br>INVESTIGATIONS OF THE PROCESS OF LONGITUDINAL<br>ROLLING OF TUBES IN VACUUM<br>BISI 12417                                                     | # | 000000171668 |
| POTAPKIN, S. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0077-0081<br>FIELD OF SLIP LINES IN THE UNSTEADY STATE PROCESS<br>OF ROLLING HEAVY AND MEDIUM SHEET<br>BISI 12418                                          | # | 000000171667 |
| NECHAYEV, YU. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0110-0112<br>KINETICS OF THE ESTABLISHMENT OF EQUILIBRIUM<br>ELECTRICAL RESISTANCE IN THE SOLIDUS-LIQUIDUS<br>REGION<br>BISI 12419                        | # | 000000251147 |
| NECHAS, YU. S.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0110-0113<br>KINETICS OF ESTABLISHING THE EQUILIBRIUM<br>ELECTRICAL RESISTANCE IN THE SOLIDUS LIQUIDUS<br>ZONE<br>NTC 76-11080                              | # | 000000282486 |
| KLINGER, L. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0113-0116<br>ELASTIC MODEL OF GRAIN BOUNDARIES IN METALS 12 PP<br>BLL 5828.4 F:M-21965                                                                      | # | 000000294425 |
| KARASYUK, N. P.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0132-0134<br>RELATIONSHIP OF THE PARAMAGNETIC SUSCEPTIBILITY<br>AND OF AGING PROCESS FOR THE HIGH TEMPERATURE<br>E14378 ALLOY TO TEMPERATURE<br>BISI 12420 | # | 000000251148 |
| POLESYA, A. F.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0149-0153                                                                                                                                                   | # | 000000251149 |

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| STRUCTURE OF NI-SB AND FE-SB ALLOYS QUENCHED FROM THE MOLTEN STATE<br>BISI 12421                                                                                                                                                                         | # | 000000251150 |
| ZLOBINSKIY, B. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0154-0157<br>FACTORS INFLUENCING THE SOUND EMISSION OF CAST IRON<br>BISI 12422                                                                                | # | 000000205738 |
| SABELNIKOV, A. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0158-0161<br>THE TEMPERATURE FIELD AND THERMOELASTIC STRESSES IN A CYLINDER OF UNLIMITED EXTENT CONTAINING AN INTERNAL SOURCE OF HEAT<br>BISI 12423           | # | 000000251008 |
| GLINKOV, M. A.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0003, PP 0166-0169<br>DYNAMICS OF A GAS JET IN A LIQUID COMMUNICATION 2.<br>BISI 12424                                                                                    | # | 000000271573 |
| AGEYEV, N. V.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0004, PP 0005-0010<br>THE TWENTY FIFTH ANNIVERSARY OF THE ACADEMY OF SCIENCES OF THE USSR 9 PP<br>BLL 5828.4 F:M-21978                                                     | # | 000000174650 |
| FILIPPOV, S. I.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0004, PP 0014-0020<br>KINETIC PARAMETERS OF THE COMBINED OXIDATION OF CARBON AND CHROMIUM WITH EXTENSIVE OXIDIZING REFINING OF A METAL BATH<br>BISI 12521                | # | 000000286421 |
| RYBALKIN, E. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0004, PP 0025-0028<br>THE PARAMETERS OF AN IDEAL MIXING REACTOR FOR STUDYING THE KINETICS OF FAST HETEROGENEOUS REACTIONS 12 PP<br>BLL 5828.4 F:M 21980                  | # | 000000286422 |
| RIKHTER, R. G.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0004, PP 0037-0040<br>INFLUENCE OF THE SURFACE PROPERTIES OF THE LIQUID ON THE GAS PERMEABILITY OF AN IRRIGATED BED OF P GRANULAR MATERIALS 11 PP<br>BLL 5828.4 F:M 21981 | # | 000000174651 |
| ILYUKOVICH, B. M.<br>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br>00/00/1974,V0017,N0004, PP 0069-0073<br>THE THEORETICAL INVESTIGATION OF THE PROCESS OF ROLLING IN PASSES. (COMMUNICATION 1)<br>BISI 12523                                               | # | 000000174652 |
| MORZHAKOV, A. V.                                                                                                                                                                                                                                         |   |              |

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| <p>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1974,V0017,N0004, PP 0129-0132<br/>SELECTION OF THE OPTIMUM VERSION OF HEAT<br/>TREATMENT FOR HARD-ALLOY DRILL BITS<br/>BISI 12525</p>                                                                                  | # | 000000192950 |
| <p>DRAPKIN, B. M.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1974,V0017,N0004, PP 0133-0135<br/>INVESTIGATION OF THE GROWTH KINETICS OF<br/>GRAPHITE INCLUSIONS IN CAST IRON<br/>BISI 12526</p>                                                                   | # | 000000192951 |
| <p>VOZDVIZHENSKIY, V. M.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1974,V0017,N0004, PP 0136-0139<br/>THE POSSIBILITY OF USING THE MICRO-HARDNESS<br/>METHOD TO INVESTIGATE THE PROCESSES OF<br/>THERMAL-FATIGUE FAILURE<br/>BISI 12527</p>                      | # | 000000192952 |
| <p>YAKHRAPOV, A.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1974,V0017,N0004, PP 0140-0143<br/>INVESTIGATION OF THE SPECIAL FEATURES OF THE<br/>DYNAMIC FAILURE OF CAST IRONS<br/>BISI 12528</p>                                                                  | # | 000000174653 |
| <p>GOLDFRAB, E. M.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1974,V0017,N0004, PP 0149-0163<br/>OPTIMUM FUEL CONSUMPTION-BASED CONTROL OF METAL<br/>HEATING FOR VARIABLE BILLET TRAVEL SPEED IN THE<br/>CONTINUOUS FURNACE OF A ROLLING MILLS<br/>BISI 12529</p> | # | 000000255112 |
| <p>BURYLEV, B. P.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1974,V0017,N0006, PP 0005-0007<br/>SATURATED VAPOUR PRESSURE IN SYSTEMS OF IRON<br/>CHLORIDE WITH ALKALI-METAL CHLORIDES 9 PP<br/>BLL 5828.4 F:M-23015</p>                                           | # | 000000250931 |
| <p>GABRILLIN, E. F.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1974,V0017,N0006, PP 0053-0058<br/>DETERMINATION OF THE POSITION OF OXYGEN ROOF<br/>LANCES IN THE OPEN-HEARTH FURNACE BY ELECTRICAL<br/>METHODS<br/>CRL T6658X</p>                                 | # | 000000268024 |
| <p>CHELYSHEV, N. A.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1974,V0017,N0006, PP 0082-0083<br/>LIGHT OF ARC OF GRIP IN ASYMMETRICAL ROLLING<br/>NTC-75-12057, BLL 5828.4F</p>                                                                                  | # | 000000268012 |
| <p>KOLMOGOROV, G. L.<br/>//IZVESTIYA VUZ CHERNAYA METALLURGIYA//<br/>00/00/1974,V0017,N0012, PP 0065-0068<br/>HYDRODYNAMIC EFFECT OF A LIQUID LUBRICANT DURING<br/>UPSETTING<br/>BISI 13141</p>                                                                              | # |              |